



BECOME A GREAT SUPPLIER OF NEW ENERGY

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COMPANY PROFILE

ANENJI is an integrated industry and trade enterprise specializing in green energy, dedicated to the production and sales of highly efficient and reliable solar inverters and lithium batteries. Our products are mainly sold to the Europe and all over the world, providing customers with clean energy solutions and contributing to global sustainable development. We have a perfect and mature pre-sales and after-sales service system. We provide customers with a pleasant, convenient and assured shopping experience. Whether you are an individual user or a corporate user, we always provide our customers with the best quality service. We are committed to letting our users enjoy the sunshine and life in the most cost-effective way. Over time, ANENJI has become one of the well-known brands in the industry.

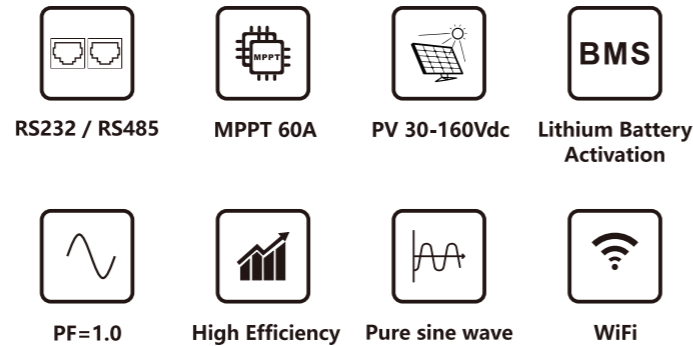
Our business philosophy is: Sincerity, Persistence, Diligence and Sensitivity. Sincerity: We are sincere, focus on customer experience, maintain open and transparent communication with customers, and provide customers with high-quality products and excellent service. Persistence: We are determined to pursue excellence and continuous innovation, and we face every production process with a rigorous attitude to ensure high quality and performance of our products. Diligence: Diligence is the basic quality of each of our employees, we advocate a proactive work attitude, with sweat and wisdom to promote the common growth of the company and individuals. Sensitive: We always pay attention to market trends and customer needs, respond quickly to market changes, innovation and development, in order to maintain a leading position in the field of green energy.

As a key player in the global clean energy market, ANENJI always upholds the core values of environmental protection, technology and innovation. We are committed to providing our customers with more efficient energy solutions and contributing to the building of a green planet through continuous improvement and optimization of our products.

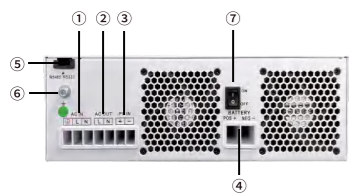


230Vac Solar Inverter

ANJ Series [PV 30-160Vdc] 2KW 220V / 230Vac Output

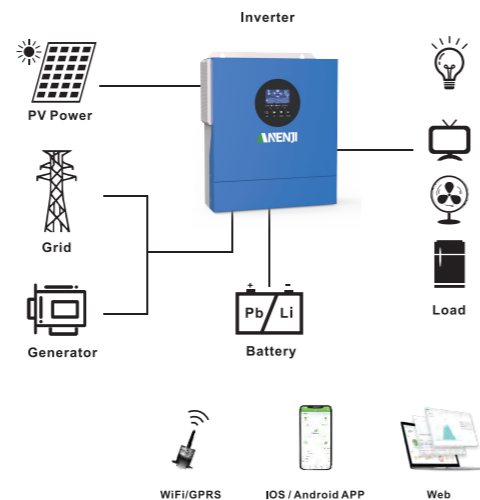


Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. RS232 / RS485 communication port
6. Grounding
7. Power on/off switch

System Diagram



Product Features

- Lithium battery activation function by PV or Utility
- Compatible work with lifepo4 battery via RS485
- Pure sine wave
- Power factor 1.0
- PV input Voltage 30Vdc~160Vdc
- Built-in MPPT 60A
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU

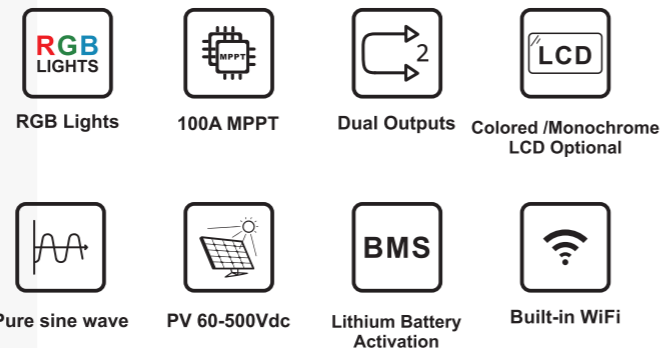
Technical Data

MODEL	ANJ-2000W-12V-WIFI
Capacity	2000VA/2000W
Parallel Capacity	NO
Lithium Battery Activation	YES
WiFi Optional	NO
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer); 90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	4000VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer); 20ms(For Home Appliances)
Peak Efficiency (PV to BAT)	96%
Peak Efficiency (Battery to INV)	93%
Overload Protection	5s@ > = 140% load; 10s@100%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24V
Floating Charge Voltage	27V
OverCharge Protection	31V
Charging Method	CC/CV
Solar Charger & AC Charger	
Solar Charger TYPE	MPPT
Max.PV Array Power	1200W
Max. PV Array Open Circuit Voltage	160VDC
PV Array MPPT Voltage Range	30VDC~160VDC
Max. Solar Input Current	30
Max. Solar Charge Current	40A
Max. AC Charge Current	40A
Max. Charge Current(AC+PV)	80A
PHYSICAL	
Dimensions, D x W x H(mm)	358x295x105
Package Dimensions, DxWxH(mm)	384*339*174
Net Weight (Kgs)	3.8
ENVIRONMENT	
Operating Temperature Range	-10°C ~ 55°C
Storage temperature	-15°C ~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

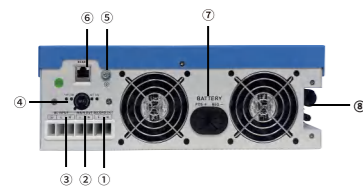
*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc]

4.2KW 220V / 230Vac Output

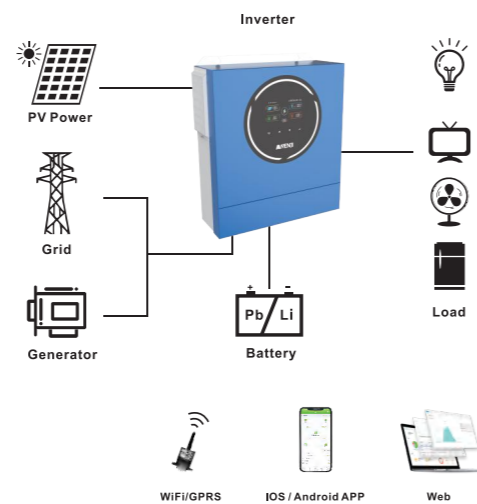


Bottom view



1. Second out
2. Main out
3. AC input
4. Built-In WiFi
5. Grounding
6. RS485 communication port
7. Battery input
8. PV input

System Diagram



Product Features

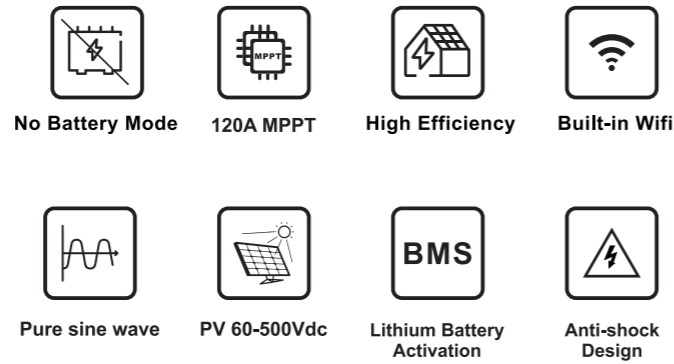
- Colored LCD with RGB lights
- PV Input 500Vdc Max
- Built-in MPPT 100A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Built-in Wifi remote monitoring
- Support multiple output priority: UTL,SOL,SBU,SUB
- Compatible work with LiFePO4 battery via RS485
- Dual output for smart load management
- Lithium battery activation function by PV or Utility
- EQ function to optimize battery performance and extend lifecycle

Technical Data

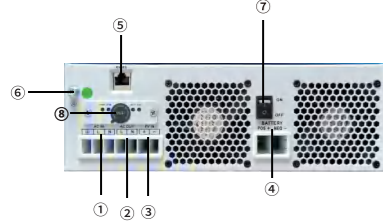
MODEL	ANJ-4.2KW-24V-WIFI
PHASE	1-Phase In /1-Phase Out
Maximum PV Input Power	5000W
Maximum Main Output Power	4200VA/4200W
Maximum Second Output Power	4200VA/4200W
Maximum Total Output Power	4200VA/4200W
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
AC INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
AC OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	8400VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Dual Outputs	Yes
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Overload Protection	5s@ > =140% load; 10s@110%~140% load
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
OverCharge Protection	33VDC
Charging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Charger TYPE	MPPT
Max.PV Array Power	5000W
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max. Solar Input Current	1 / 27A
Max. Solar Charge Current	100A
Max. AC Charge Current	80A
Max. Charge Current	100A
PHYSICAL	
Dimensions, D x W x H(mm)	312.4x350x114.5
Package Dimensions, D x W x H(mm)	475x390x180
Net Weight (Kgs)	8.5
Communication Interface	RS485(RJ45)/RS232(DB9)
LCD	Colorful Screen+RGB Light
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage temperature	-15°C~ 50°C
Humidity	5% to 95% Relative Humidity (Non-condensing)

*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc] 4KW 220V / 230Vac Output

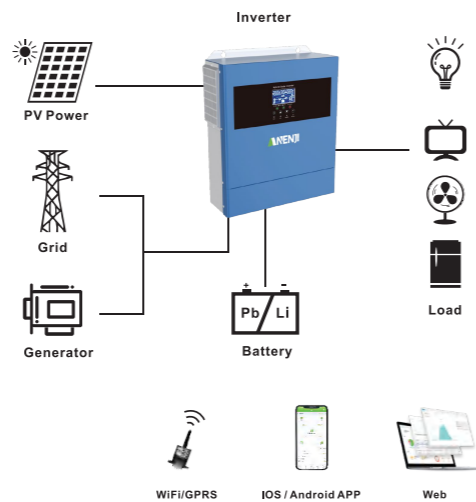


Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. RS485 communication port
6. Grounding
7. Power on/off switch
8. Built-In WiFi

System Diagram



Product Features

- Pure sine wave
- Powerfactor1.0
- PVinput Voltage 60Vdc-500Vdc
- Built-in MPPT 100A
- Lithium BatteryActivation
- Compatible work with LifePO4 Battery via RS485
- Capable to work without battery
- Detachable dust coverfor harshenvironment
- Built-in Wifi remote monitoring
- Support multiple output priority:UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extendlifecycle

Technical Data

MODEL	ANJ-4000W-24V-WIFI
Capacity	4.2KVA/4.2KW
Parallel Capability	NO
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC+5%
Surge Power	7000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personalComputer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=150%load;10s@110%~150%load
Crest Factor	3:1
Admissible Power Factor	0.6~1(inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
OverCharge Protection	33VDC
Charging Method	CC/CV
Lithium Battery Activation	YES
Lithim batteryCommunication	YES(RS485)
SOLAR CHARGER&ACCHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	4500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.SolarInput Current	15A
Max.Solar Charge Current	100A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	100A
PHYSICAL	
Dimensions,DxWxH(mm)	358*295*100
Package Dimensions,D xW x H(mm)	465*380*175
Net Weight(Kg)	7
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10 C to 50 C)
Storage Temperature	(-15 C ~50° C)
Humidity	5% to 95% Relative Humidity(Non-condensing)

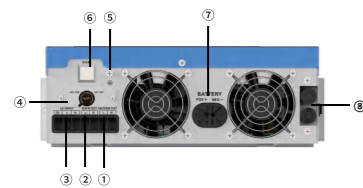
*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc] 5KW 220V / 230Vac Output



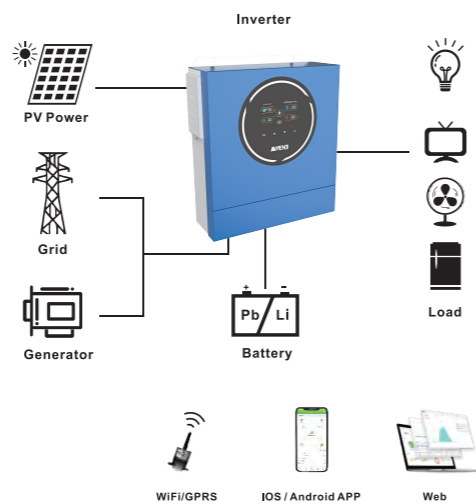
RGB Lights	100A MPPT	Dual Outputs	Colored / Monochrome LCD Optional
Pure sine wave	PV 60-500Vdc	Lithium Battery Activation	Built-in WiFi

Bottom view



1. Second out
2. Main out
3. AC input
4. Built-In WiFi
5. Grounding
6. RS485 communication port
7. Battery input
8. PV input

System Diagram



Product Features

- Colored LCD with RGB lights
- PV Input 500Vdc Max
- Built-in MPPT 100A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Built-in Wifi remote monitoring
- Support multiple output priority: UTL,SOL,SBU,SUB
- Compatible work with LiFePO4 battery via RS485
- Dual output for smart load management
- Lithium battery activation function by PV or Utility
- EQ function to optimize battery performance and extend lifecycle

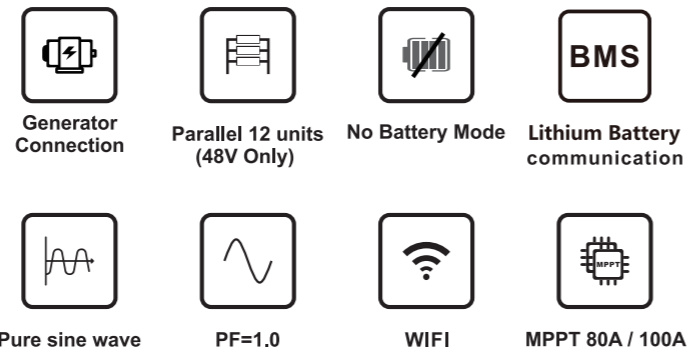
Technical Data

MODEL	ANJ-5KW-48V-WIF
PHASE	1-Phase In /1-Phase Out
Maximum PV Input Power	5000W
Maximum Main Output Power	5000VA/5000W
Maximum Second Output Power	5000VA/5000W
Maximum Total Output Power	5000VA/5000W
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
Built-in WIFI	YES
AC INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
AC OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	10000VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Dual Outputs	Yes
Transfer Time	ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Overload Protection	5s@ > =140% load; 10s@110%~140% load
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Charger TYPE	MPPT
Max.PV Array Power	5000W
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max. Solar Input Current	1 / 27A
Max. Solar Charge Current	100A
Max. AC Charge Current	60A
Max. Charge Current	100A
PHYSICAL	
Dimensions, D x W x H(mm)	312.4x350x114.5
Package Dimensions, D x W x H(mm)	475x390x180
Net Weight (Kgs)	8.5
Communication Interface	RS485(RJ45)/RS232(DB9)
LCD	Colorful Screen+RGB Light
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage temperature	-15°C~ 50°C
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

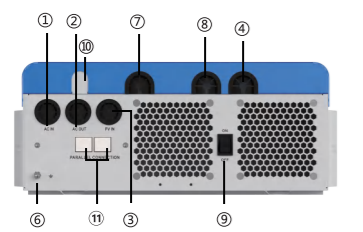
*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc]

6.2KW 220V / 230Vac Output

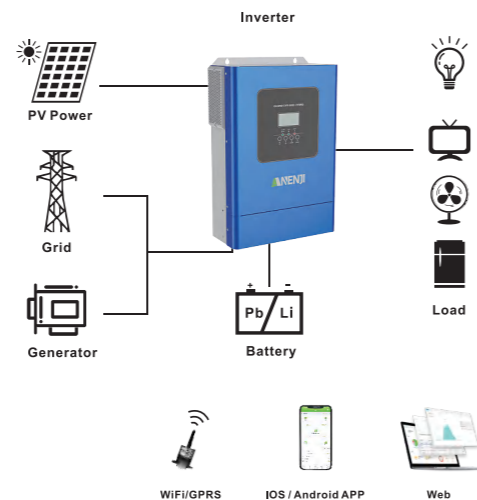


Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. Circuit breaker
6. Grounding
7. RS485 communication port
8. AC grid current sensor
9. Power on/off switch
10. RS232 communication port
11. Parallel communication port

System Diagram



Product Features

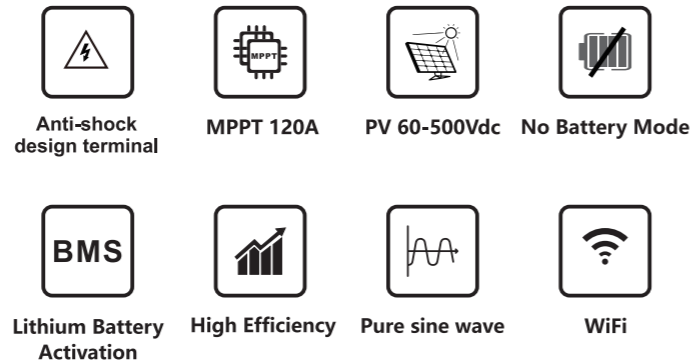
- Self-consumption and Feed-in to the grid
- Parallel operation up to 12 units in 1phase or 3phase
- Direct Plug WIFI Dongle Supported
- Output power factor 1.0
- High PV input voltage range 500Vdc Max
- Built-in MPPT solar controller 120A
- WIFI remote monitoring optional
- Detachable dust cover for harsh environment
- User-adjustable charging current and voltage
- Programmable supply priority for PV , Battery or Grid
- Support multiple output priority: SBU / SUB / SUF / ZEC
- EQ function to optimize battery performance and extend lifecycle
- Programmable multiple operation modes :Grid-tie , off-grid and grid-tie with backup
- Backflow prevention via external CT sensor and grid connection function

Technical Data

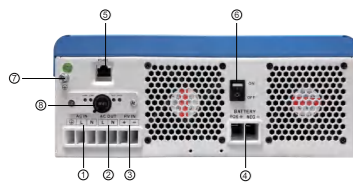
MODEL	ANJ-6200W-48PL-WIFI
Phase	1-Phase In / 1-Phase Out
Maximum PV input power	6500W
Parallel Function	YES,12 Units
Rated output power	6200VA/6200W
Lithium battery activation	Yes (By PV or Utility)
Lithium battery communication	Yes
WIFI	Optional
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	360VDC / 500VDC
Start-up Voltage / Initial Feeding Voltage	150VDC / 120VDC
MPPT Voltage Range	60VDC~500VDC
Number of MPP Trackers / Maximum Input Current	1/27A
GRID OUTPUT (AC)	
Nominal Output Voltage	220 / 230 / 240VAC
Output Voltage Range	170-280VAC or 90-280VAC
Nominal Output Current	27A
Power Factor	0.6~1 (inductive or capacitive)
Maximum Conversion Efficiency (DC/AC)	94%
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	100Vac / 90Vac
Acceptable Input Voltage Range	170-280VAC or 90-280VAC
Maximum AC Input Current	40A
PV INPUT (DC)	
Maximum DC Voltage	500VDC
MPPT Voltage Range	60VDC~500VDC
Number of MPP Trackers / Maximum Input Current	1/27A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure Sine wave
Efficiency (DC to AC)	94%
HYBRID OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	360VDC/500VDC
Start-up Voltage / Initial Feeding Voltage	150VDC/120VDC
MPPT Voltage Range	60VDC~500VDC
Number of MPPT Trackers / Maximum Input Current	1/27A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	170-280VAC or 90-280VAC
Nominal Output Current	27A
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	100Vac/90Vac
Acceptable Input Voltage Range	170-280VAC or 90-280VAC
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	48VDC
Efficiency (DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	120A
Maximum AC Charging Current	80A
Maximum Charging Current	120A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	450x300x130
Net Weight (kgs)	12
Communication Port	RS232+RS485+ External CT Port
ENVIRONMENT	
Humidity	5%~95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C~55°C
Ingress Protection	IP21

*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc] 6.2KW 220V / 230Vac Output

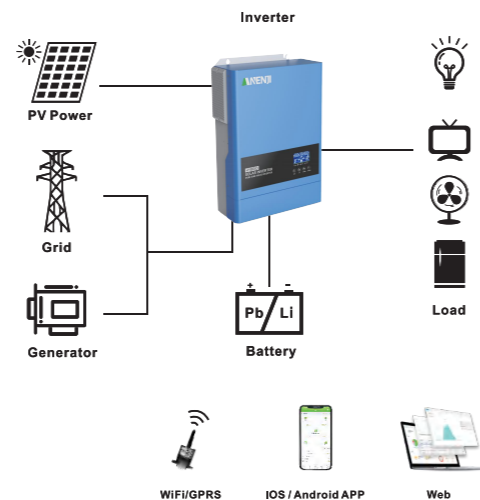


Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. RS485
6. Power on/off switch
7. Grounding
8. Built-in WIFI

System Diagram



Product Features

- Pure sine wave
- Power factor 1.0
- PV input Voltage 60Vdc-500Vdc
- Built-in MPPT 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Built-in Wifi remote monitoring
- Support multiple output priority: UTL, SOL, SBU, SUB
- Lithium battery activation function by PV or Utility
- Compatible work with lifepo4 battery via Rs485
- EQ function to optimize battery performance and extend lifecycle

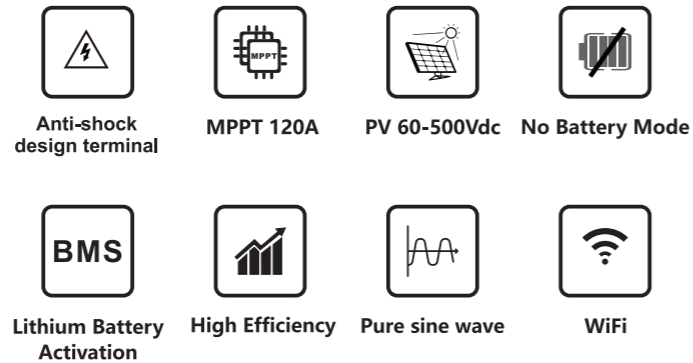
Technical Data

MODEL	ANJ-6200W-48V-WIF
Capacity	6.2KVA/6.2KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
Built-in WIFI	YES
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=140% load; 10s@110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC / CV
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	120A
PHYSICAL	
Dimensions,D x W x H(mm)	438*295*105
Package Dimensions,D x W x H(mm)	560*375*185
Net Weight(Kg)	9
Communication Interface	RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 55°C)
Storage Temperature	(-15°C ~ 60°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

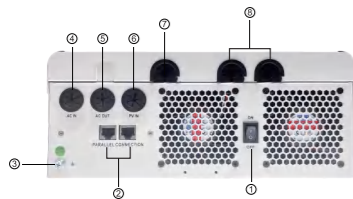
*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc]

6.2KW 220V / 230Vac Output

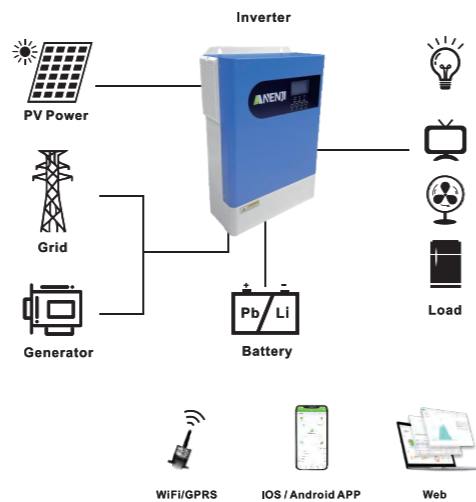


Bottom view



1. Power on/off switch
2. Parallel communication port
3. Grounding
4. AC input
5. AC output
6. PV input
7. RS485 communication port
8. Battery input

System Diagram



Product Features

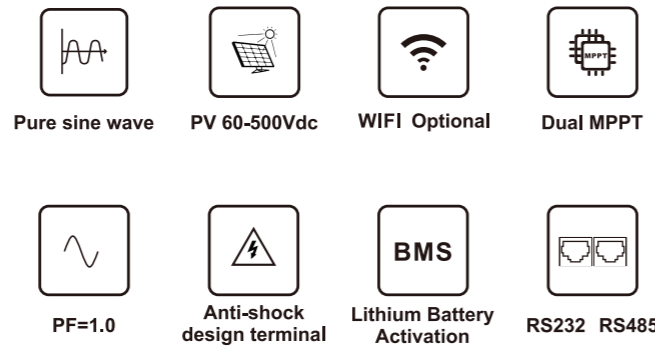
- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 120A
- Capable to work without battery
- WiFi remote monitoring
- Compatible work with lifepo4 battery
- Direct Plug WIFI Dongle Supported
- Detachable dust cover for harsh environment
- Parallel operation up to 12 units in 1phase or 3phase
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle

Technical Data

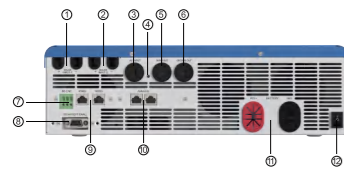
MODEL	ANJ-HHP-II-6.2KP-WiFi
Capacity	6.2KVA/6.2KW
Parallel Capability	YES, 12 Units
Lithium battery activation	YES(By PV or Utility)
Lithium battery Communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	94%
Overload Protection	5s@ >= 140% load; 10s@110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC / CV
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current	120A
PHYSICAL	
Dimensions,D x W x H(mm)	450*300*130
Package Dimensions,D x W x H(mm)	540x390x210
Net Weight(Kg)	12
Communication Interface	RS232 / RS485
ENVIRONMENT	
Operating Temperature Range	(-10°C to 55°C)
Storage Temperature	(-15°C ~ 60°C)
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc] 11KW 220V / 230Vac Output

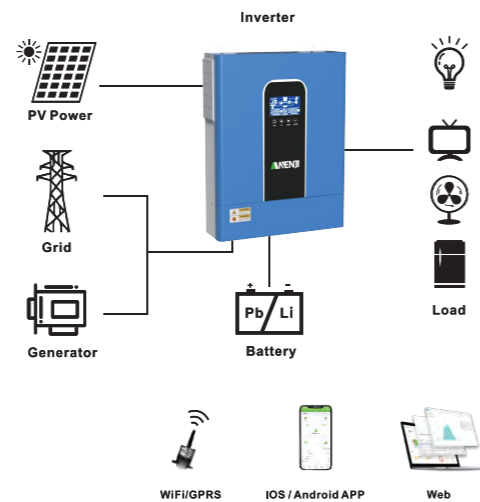


Bottom view



- 1.PV1 input
- 2.PV2 input
- 3.AC input
- 4.Grounding
- 5.Main output
- 6.Second output
- 7.Dry contact port
- 8.WIFI(OPTIONAL)
- 9.RS485/RS232
- 10.Parallel communication port
- 11.Battery negative/ positive outlet hole
- 12.Power on/off switch

System Diagram



Product Features

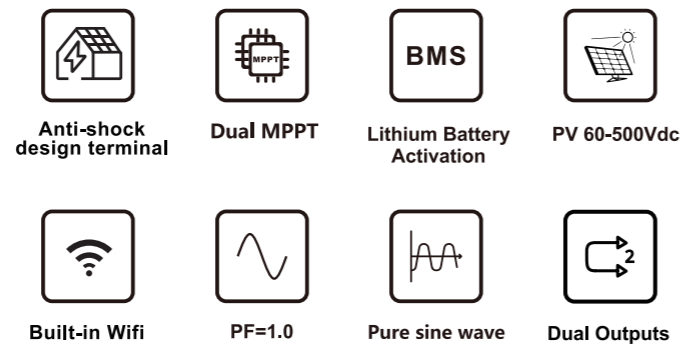
- Pure sine wave inverter
- Inverter running without battery
- Built-in MPPT solar controller
- Cold start function
- Auto restart while AC is recovering
- Overload/ Over temperature/ short circuit protection
- Compatible to mains voltage or generator power
- Configurable AC/Solar Charger priority via LCD setting
- Configurable battery charging current based on applications via LCD setting
- Smart battery charger design for optimized battery performance
- Configurable input voltage range for home appliances and personal computers via LCD setting

Technical Data

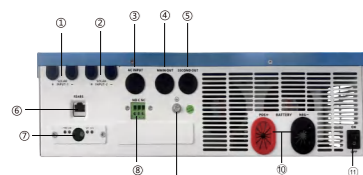
MODEL	ANJ-11KW-48V-WIFI-P
CAPACITY	11KVA/11KW
Maximum PV Input Power	11KW
Twin AC Output Function	YES
Maximum Main Output Power	11KVA/11KW
Maximum Second Output Power	5.5KVA/5.5KW
Maximum Total Output Power	11KVA/11KW
Parallel Capability	YES, 6units
Lithium Battery Communication	YES(RS485)
Lithium Battery Activation	YES(By PV or Utility)
WIFI	Optional
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
OUTPUT	
Nominal Voltage	220/230/240VAC
Surge Power	22000VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency (PV to INV)	96%
Peak Efficiency (Battery to INV)	93%
Overload Protection	5s@ > =140% load; 10s@110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Maximum Discharge Current	220A
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC/CV
Solar Charger & AC Charger	
Solar Charger TYPE	MPPT
Max.PV Array Power	5500W*2
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max. Solar Input Current	18A*2
Max. Solar Charge Current	160A
Max. AC Charge Current	120A
Max. Charge Current	160A
PHYSICAL	
Dimensions, D x W x H(mm)	540*415*122
Net Weight (Kgs)	15.5
Communication Interface	RS232/RS485/Dry-contact
LCD	YES
ENVIRONMENT	
Operating Temperature Range	-10°C to 55°C
Storage temperature	-15°C~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc] 11KW 220V / 230Vac Output

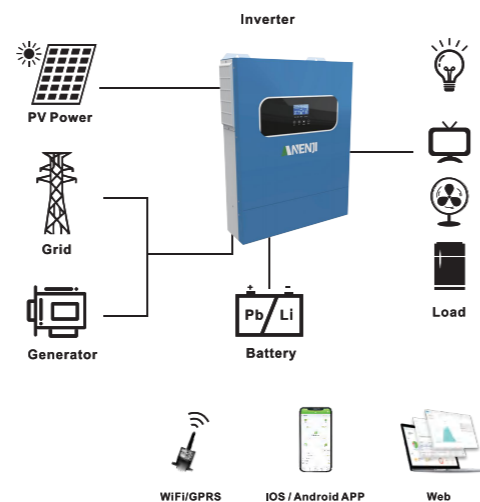


Bottom view



1. PV1 input
2. PV2 input
3. AC input
4. Main out
5. Second out
6. RS485 communication port (RJ45)
7. Built-In WiFi
8. Dry contact port
9. Grounding
10. Battery negative/ positive outlet hole
11. Power on/off switch

System Diagram



Product Features

- Built-in 2 MPPT
- Lithium battery activation function by PV or Utility
- Compatible work with LiFePO4 battery via RS485
- Pure Sine Wave
- Powerfactor 1.0
- PV Input 500Vdc Max
- Built-in MPPT 160A
- Dual outputs
- Capable to work without battery
- Detachable dust cover for harsh environment
- Built-in WIFI
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle
- Self-consumption and Feed-in to the grid

Technical Data

MODEL	ANJ-HHS-11KW-48V-WIFI
Capacity	11KVA/11KW
Maximum PV Input Power	11KW
Parallel Capability	NO
Lithium Battery Activation	YES (By PV or Utility)
Lithium Battery Communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency	50/60 Hz (Auto sensing)
OUTPUT	
Nominal Voltage	220/230/240VAC
Surge Power	22000VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Grid-tie Operation	NO
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	94%
Overload Protection	5s@ > =140% load; 10s@110%~140% load
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Maximum Discharge Current	220A
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Charger TYPE	MPPT
Max. PV Array Power	5500W*2
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max. Solar Input Current	18A*2
Max. Solar Charge Current	160A
Max. AC Charge Current	120A
Max. Charge Current	160A
PHYSICAL	
Dimensions, D x W x H(mm)	540x415x122
Package Dimensions, D x W x H(mm)	637x495x214
Net Weight (Kgs)	15
Communication Interface	RS232/RS485/DRY CONTACT
LCD	YES
ENVIRONMENT	
Operating Temperature Range	-10°C to 55°C
Storage temperature	-15°C~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

*Product specifications are subject to change without further notice.



120Vac

Solar

Inverter

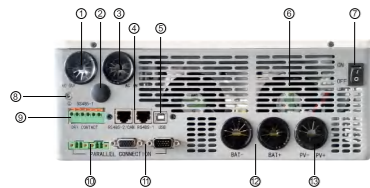
ANJ Series [PV 80-300Vdc]

300 110V/90-260Vdc



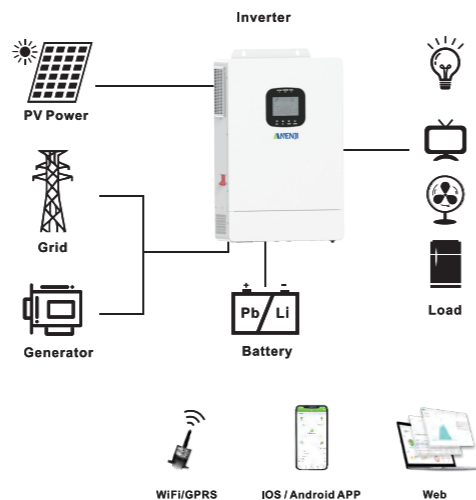
Feed-in to the Grid	Supports two independent MPPTs	Energy-saving mode	PV 80-300Vdc
No Battery Mode	WiFi remote monitoring	Complete protections	Two output modes

Bottom view



- | | |
|--------------------------|---|
| 1.AC output port | 8.Grounding screw hold |
| 2.WiFi port optional | 9.Dry contact port |
| 3.AC input port | 10.Current sharing port(parallel module only) |
| 4.RS485-2/RS485-1 | 11.Parallel communication port (parallel module only) |
| 5.USB communication port | 12.Battery port |
| 6.Cooling fan | 13.PV port |
| 7.ON/OFF rocker switch | |

System Diagram



Product Features

- It has the function of sectional charge and discharge.
- Allowing access of lead-acid battery and lithium battery.
- Anti-countercurrent grid-connected function(photovoltaic hybrid power supply) grid-connected mode can be set.
- It can be used without battery. Solar and utility grid can power loads at the same time.
- With dual activation function of lithium battery, it can be triggered by any power supply of the mains/photovoltaic.
- Power saving mode available to reduce no-load loss.
- Available in four charging modes: Only Solar, Mains Priority, Solar Priority and Mains & Solar hybrid charging.
- ON/OFF rocker switch for AC output control.
- Advanced MPPT technology with an efficiency of 99.9%.
- Intelligent variable speed fan to efficiently dissipate heat and extend system life.
- 11 Two output modes: mains bypass and inverter output; uninterrupted power supply.

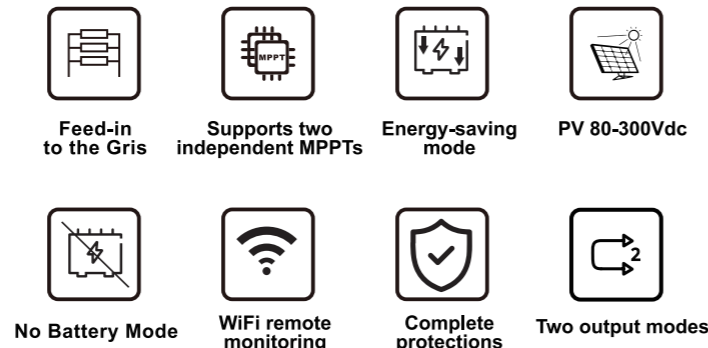
Technical Data

Type	SPI4836M80-300P	SPI4836M80-300	SPI4865M150-300P	SPI4865M150-300
Parallel mode (function reserved)				
Allow quantity	1~6	0	1~6	0
Mains mode				
Nominal input voltage	120Vac±5%			
Input voltage range	(90Vac~140Vac)±2%			
Frequency	50Hz/60Hz (Auto detect)			
Frequency range	47±0.3Hz~55±0.3Hz (50Hz); 57±0.3Hz~65±0.3Hz (60Hz);			
Max. efficiency	>95%			
Conversion time (bypass and inverter)	10ms (Typical value)			
Max. bypass overload current	40A		60A	
Inverter mode				
Output voltage waveform	Pure sine wave			
Nominal output power(VA)/(W)	3600VA/3600W		6500VA/6500W	
Power factor	1			
Nominal output voltage (Vac)	120Vac			
Output frequency range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz			
Max. efficiency	>91%			
Overload protection	(102%<load<125%)±10%: report error, turn off the output after 5 minutes; (125%<load<150%)±10%: report error, turn off the output after 10 seconds; load>150%±10%: report error,turn off the output after 5 seconds;			
Peak power	7200VA		12000V	
Load motor capability	2HP		5HP	
Nominal battery input voltage	48V (Min. start voltage 44V)			
Battery voltage range	40.0Vdc~60Vdc±0.6Vdc (Undervoltage alarm/shutdown voltage/overvoltage alarm/overvoltage recovery... LCD screen can be set)			
Save power mode	Loads≤25W			
Mains charge				
Battery type	Lead-acid or lithium batteries			
Max. charge current (configurable)	40A		120A	
Charge voltage range	40-60Vdc			
Solar charge				
Max. PV open circuit voltage	300Vdc			
PV operate voltage range	80-300Vdc			
MPPT voltage range	90-260Vdc			
Battery voltage range	40-60Vdc			
Max. PV input power/current	4000W/22A		4500W×2 / 22A×2	
Charge current range (configurable)	0-80A		0-150A	
Max. hybrid charge current (PV+AC)				
Max. hybrid charge current (configurable)	0-80A		0-150A	
Certification				
Safety certification	CE(IEC62109-1,2)			
EMC certification level	EN61000, C2			
Operate temperature range	-15°C to 55°C			
Storage temperature range	-25°C ~ 60°C			
Humidity range	5% to 95% (Three anti-paint protection)			
Noise	≤60dB			
Cooling	Forced air cooling, adjustable wind speed			
Communicate	USB/RS485/(WiFi/GPRS)/Dry node contro			
Dimensions (L*W*D)	415mm*280mm*100mm		540mm*350mm*120mm	
Weight (kg)	7.8		15	

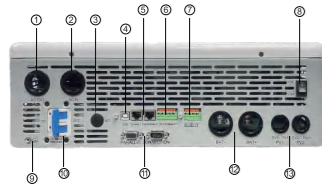
*Product specifications are subject to change without further notice.

ANJ Series [PV 90-500Vdc]

500 110V/90-450Vdc

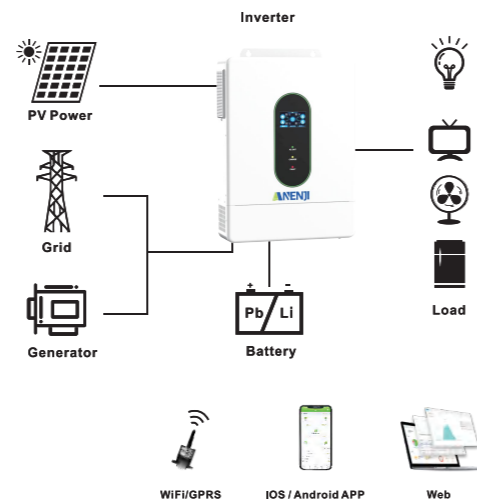


Bottom view



- 1.AC output port
- 2.AC input port
- 3.WiFi port (optional)
- 4.USB communication port
- 5.RS485-1/RS485-2
- 6.Dry contact port
- 7.CT current sensing for self-consumption(optional)
- 8.ON/OFF rocker switch
- 9.Grounding screw hold
- 10.AC input breaker
- 11.Parallel communication port (parallel module only)
- 12.Battery parameters
- 13.Photovoltaic (PV) parameters

System Diagram



Product Features

- It has the function of sectional charge and discharge (can set the time period for battery charging or discharging).
- Allowing access of lead-acid battery and lithium battery.
- Anti feed-in, self-consumption function (can be hybrid power supply from solar, battery and grid).
- It can be used without battery. Solar and utility grid can power loads at the same time.
- With dual activation function of lithium battery. It can be triggered by any power supply of the mains or solar (when the li-ion battery was dormant).
- Power saving mode available to reduce no-load loss.
- Available in four charging modes: Only Solar, Mains Priority, Solar Priority and Mains & Solar hybrid charging.
- Two output modes: mains bypass and inverter output; Uninterrupted power supply.
- With touch resistance LCD screen dynamic flow diagram design, easy to understand the system data and operation status.
- Full digital voltage and current double closed loop control, advanced SPWM technology, output of pure sine wave; support split-phase and single-phase pure sine wave output;

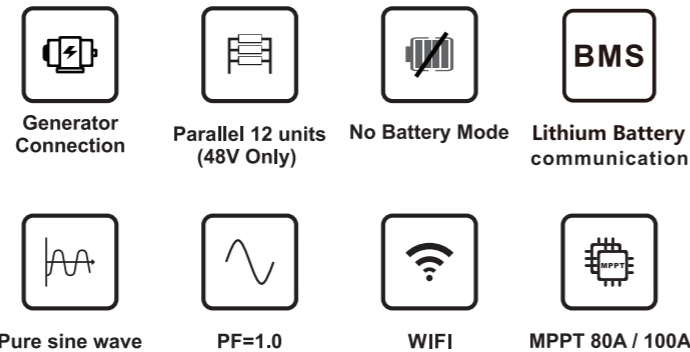
Technical Data

Type	ANJ-12K-SP-WIFI	ANJ-12KP-SP-WIFI
Parallel mode (function reserved)		
Allow quantity	0	1-6
Mains mode		
Nominal input voltage	120(L1/N, L2/N)/240Vac(L1/L2)	
Input voltage range	(85Vac-140Vac)±2%	
Frequency	50Hz/60Hz (Auto detection)	
Frequency range	47±0.3Hz-55±0.3Hz (50Hz); 57±0.3Hz-65±0.3Hz (60Hz);	
Max. efficiency	>95%	
Conversion time (bypass and inverter)	10ms (Typical value)	
Max. bypass overload current	2P, 63A/63A(L1/L2)	
Inverter mode		
Output voltage waveform	Pure sine wave	
Nominal output power(VA)/(W)	Split phase:12000VA/12000W Single phase: 7200VA/7200W(limited by the wiring terminals)	
Power factor	1	
Nominal output voltage (Vac)	120Vac (L1/N, L2/N)/240Vac(L1/L2)	
Output frequency range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz	
Max. efficiency	>91%	
Overload protection	(102% < load < 110%) ±5%: report error and turn off the output after 5 minutes; (110% < load < 125%) ± 5%: report error and turn off the output after 10 seconds; Load > 125% ±5%: report error and turn off the output after 5 seconds;	
Peak power	Split phase: 18000VA Single phase: 18000VA	
Load motor capability	6HP	
Nominal battery input voltage	51.2V (Minimum starting voltage 44V)	
Battery voltage range	40.0Vdc-58.6Vdc±0.6Vdc (Undervoltage alarm/shutdown voltage/overvoltage alarm /overvoltage recovery... settable on LCD screen)	
Save power mode	Loads≤25W enter power-saving mode	
Mains charge		
Battery type	Lead acid or lithium battery	
Max. charge current (configurable)	160A	
Charge voltage range	40 -58.6Vdc	
Solar charge		
Max. PV open circuit voltage	500Vdc	
PV operate voltage range	90Vdc-500Vdc	
MPPT voltage range	90Vdc-450Vdc	
Battery voltage range	40-58.6Vdc	
Max. PV input power/current	6000W×2/22A×2	
Charge current range (configurable)	200A	
Max. hybrid charge current (PV+AC)		
Max. hybrid charge current (configurable)	0-220A	
Certification		
Safety certification	UL STD.1741	
EMC certification level	FCC part15, CLASS B	
Operate temperature range	-10°C to 55°C(>45°C derating)	
Storage temperature range	-25°C ~ 60°C	
Humidity range	5% to 95% (Three anti-paint protection)	
Noise	≤60dB	
Cooling	Forced air cooling, adjustable wind speed	
Communicate	USB/RS485/(WiFi/GPRS)/ Dry node control	
Dimensions (L*W*D)	620mm*450mm*132mm	
Weight (kg)	23.8	

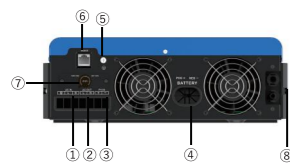
*Product specifications are subject to change without further notice.

ANJ Series [PV 60-500Vdc]

3KW 110V/60-450Vdc



Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. Grounding
6. RS485 communication port
7. WIFI communication port
8. Power on/off switch

System Diagram



Product Features

- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 80A/100A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional(24V builtin WIFI)
- Compatible work with lifepo4 battery via RS485
- Parallel operation with up to 12 units (48V) in 1phase/3phase / split phase(24V only 1phase)
- EQ function to optimize battery performance and extend lifecycle

Technical Data

MODEL	ANJ-3KW-24V-WIFI
Capacity	3KVA/3KW
Parallel Capability	NO
Split phase operation	NO
WIFI	Optional
INPUT	
Nominal Voltage	110/120VAC
Acceptable Voltage Range	95-140VAC(For personal Computer);65-140VAC(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	110/120VAC±5%
Surge Power	6000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	97%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=140% load; 10s@110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
OverCharge Protection	33VDC
Charging Method	CC/CV
Solar Charger & AC Charger	
Max.PV Array Power	4000W
Solar Charger Type	MPPT
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~450VDC
Max.Solar Input Current	18A
Max.Solar Charge Current	100A
Max.AC Charge Current	80A
Max.Charge Current	100A
PHYSICAL	
Dimensions,D x W x H(mm)	312.4x350x114.5
Package Dimensions,D x W x H(mm)	475x390x180
Net Weight(Kg)	8.5
Communication Interface	Dry contact+RS485+WIFI
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage Temperature	-15°C ~ 50°C
Humidity	5% to 95% Relative Humidity(Non-condensing)
Ingress Protection	IP21

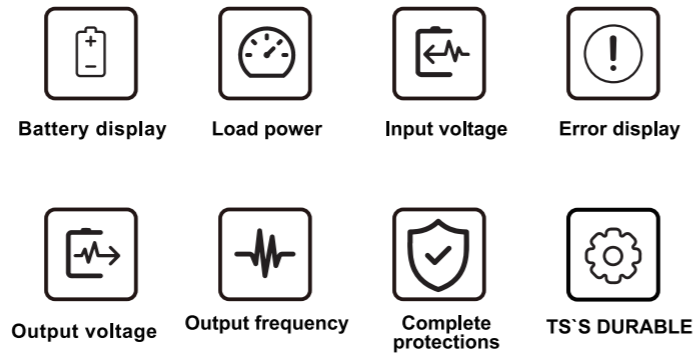
*Product specifications are subject to change without further notice.



Outdoor Portable

ANJ Series [Car Inverter]

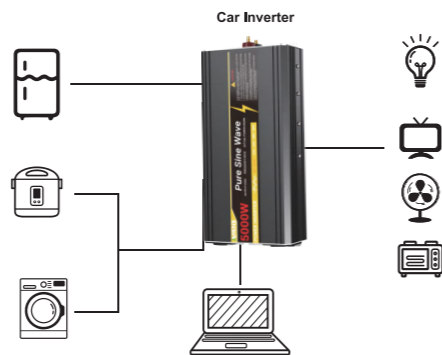
110V/220V-1000W-8000W



Bottom view



Wide compatibility



Product Features

- Temperature control protection
- Precision design
- High resistance to pressure and resistance
- High-quality components
- Low sound, quiet operation, equipment running about 50 decibels
- Automotive inverter can be used in a variety of scenarios, fast and convenient, stable and safe
- You can choose two types of ports, more convenient to use
- Eight kinds of power can be selected for different household equipment
- Safe output, easy to deal with a variety of electrical appliances, so that you are full of power at any time

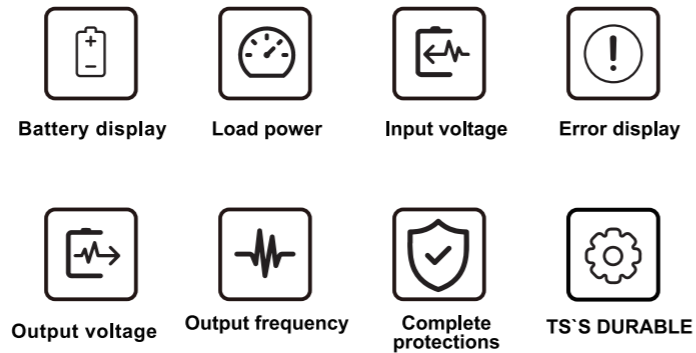
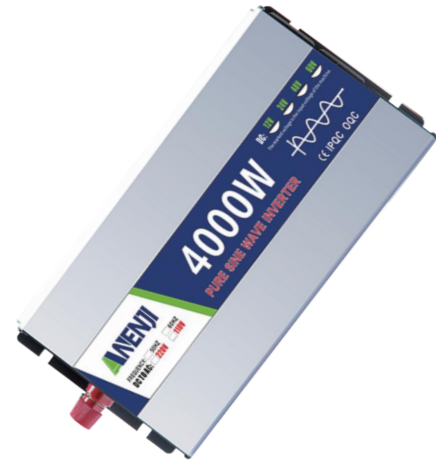
Technical Data

Product:8000W	
Maximum power:8000W	Normal power:3300w
Voltage:110v/220v	Weight:~3.10KG
Dimension:~358*170*90mm	
Product:6000W	
Maximum power:6000W	Normal power:2700W
Voltage:110v/220v	Weight:~2.55KG
Dimension:~360*147*80mm	
Product:5000W	
Maximum power:5000W	Normal power: 2200W
Voltage:110v/220v	Weight:~2.05KG
Dimension:~315*147*80mm	
Product:4000W	
Maximum power:4000W	Normal power:1600W
Voltage:110v/220v	Weight:~1.65KG
Dimension:~274*147*80mm	
Product:3000W	
Maximum power:3000W	Normal power: 1300W
Voltage:110v/220v	Weight: ~1.25KG
Dimension:~265*100*65mm	
Product:2200W	
Maximum power:2200W	Normal power: 1100W
Voltage:110v/220v	Weight:~1.2KG
Dimension:~265*100*65mm	
Product:1800W	
Maximum power:1800W	Normal power: 900W
Voltage:110v/220v	Weight:~0.95KG
Dimension:~238*100*65mm	
Product:1000W	
Maximum power:1000W	Normal power: 500W
Voltage:110v/220v	Weight:~0.75KG
Dimension:~192*100*65mm	

*Product specifications are subject to change without further notice.

ANJ Series [Car Inverter]

110V/220V-1000W-8000W



Bottom view

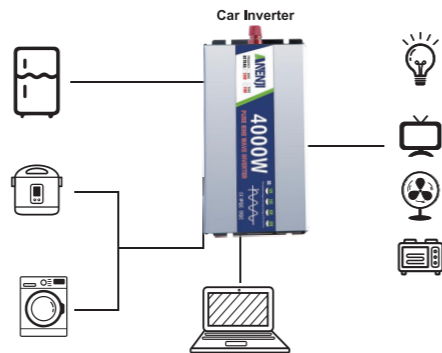


Liquid crystal display screen



Intelligent cooling fan

Wide compatibility



Technical Data

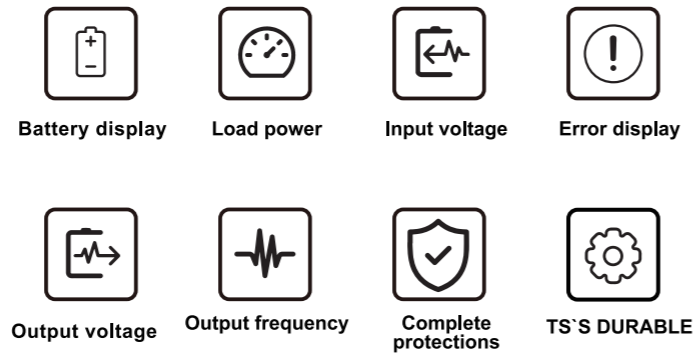
Product:8000W	
Maximum power:8000W	Normal power:3500w
Voltage:110v/220v	Weight:~8.40KG
Dimension:~395*215*80mm	
Product:6000W	
Maximum power:6000W	Normal power:2800W
Voltage:110v/220v	Weight:~7KG
Dimension:~355*215*80mm	
Product:5000W	
Maximum power:5000W	Normal power: 2300W
Voltage:110v/220v	Weight:~4.6KG
Dimension:~332*167*80mm	
Product:4000W	
Maximum power:4000W	Normal power:1800W
Voltage:110v/220v	Weight:~3.8KG
Dimension:~290*159*80mm	
Product:3000W	
Maximum power:3000W	Normal power: 1500W
Voltage:110v/220v	Weight: ~3.6KG
Dimension:~295*150*76mm	

*Product specifications are subject to change without further notice.

Product Features

- Temperature control protection
- Precision design
- High resistance to pressure and resistance
- High-quality components
- Low sound, quiet operation, equipment running about 50 decibels
- Automotive inverter can be used in a variety of scenarios, fast and convenient, stable and safe
- You can choose two types of ports, more convenient to use
- Eight kinds of power can be selected for different household equipment
- Safe output, easy to deal with a variety of electrical appliances, so that you are full of power at any time

ANJ Series [Car Inverter]
110V/220V-1000W-8000W

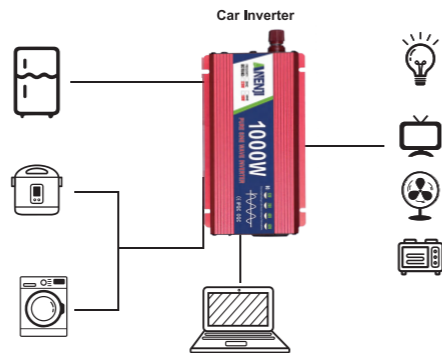


Bottom view



- Liquid crystal display screen
- Intelligent cooling fan

Wide compatibility



Product Features

- Temperature control protection
- Precision design
- High resistance to pressure and resistance
- High-quality components
- Low sound, quiet operation, equipment running about 50 decibels
- Automotive inverter can be used in a variety of scenarios, fast and convenient, stable and safe
- You can choose two types of ports, more convenient to use
- Eight kinds of power can be selected for different household equipment
- Safe output, easy to deal with a variety of electrical appliances, so that you are full of power at any time

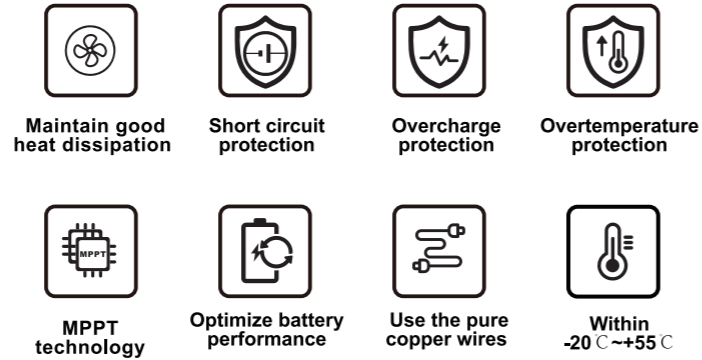
Technical Data

Product:3000W	
Maximum power:3000W	Normal power:1300W
Voltage:110v/220v	Weight:~1.25KG
Dimension:~290*110*60mm	
Product:2200W	
Maximum power:2200W	Normal power:1000W
Voltage:110v/220v	Weight:~1.10KG
Dimension:~280*110*55mm	
Product:1600W	
Maximum power:1600W	Normal power: 800W
Voltage:110v/220v	Weight:~0.90KG
Dimension:~250*110*55mm	
Product:1000W	
Maximum power:1000W	Normal power:300W
Voltage:110v/220v	Weight:~0.65KG
Dimension:~172*112*60mm	

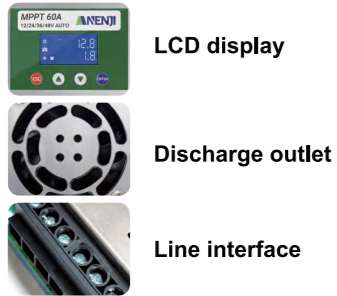
*Product specifications are subject to change without further notice.

ANJ Series [Icharger MPPT]

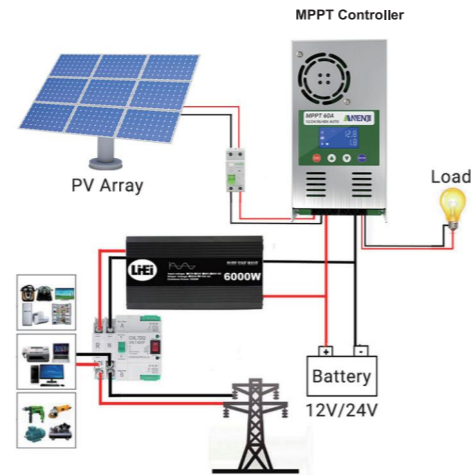
180 Voc 48V-60A



Bottom view



System Diagram



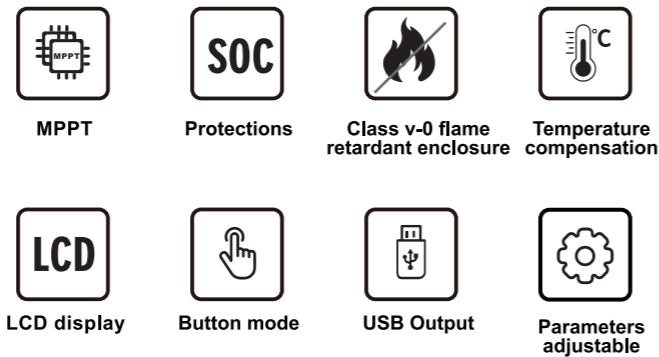
Product Features

- 60A MPPT solar charge controller
- MPPT technology
- Automatic battery voltage detection for 12V/24V/36V/48V
- 3-stage charging optimizes battery performance
- Overcharge protection, over-temperature protection
- Suitable for battery types such as sealed lead acid, vented gel and lithium battery, etc
- Easy to be mounted

Technical Data

Item	Parameter
Models	Icharger MPPT
Charging mode	3-stage: constant current(MPPT), constant voltage, floating
System voltage	12/24/36/48/Auto
Max PV input power	720W/12V;1440W/24V 2160W/36V;2880W/48V
Max PV input voltage	180 Voc
Battery voltage automatic recognition	12V system (DC8.7V-DC15.5V)36V system(DC33V-DC41V) 24V system(DC16V-DC31V)48V system(DC42V-DC64V)
Overcharging protection voltage	12V system (16V)36V system (48V) 24V system (32V)48Vsystem(64V)
Limited current protection	61A
Max efficiency	>98.1%
PV utilization	>99%
Auto Temperature Compensation	-3mV/2V/°c
Protection Function	
Temperature protection	80°C
Fan-on temperature	>45°C
Fan-off temperature	<40°C
Properties	
Size (mm)	214x115x50
Net weight (Kg)	1.1
Gross weight (Kg)	1.2
Electromagnetic compatibility	Product specifications are subject to change without further notice. Accord to EN61000,EN55022,En55024
Enclosure	Ip21
Environmental temperature	-20°C~+55°C
Storage temperature	-40°C~+75°C

ANJ Series [Icharger MPPT] 60V/100V-MPQ20/40/60

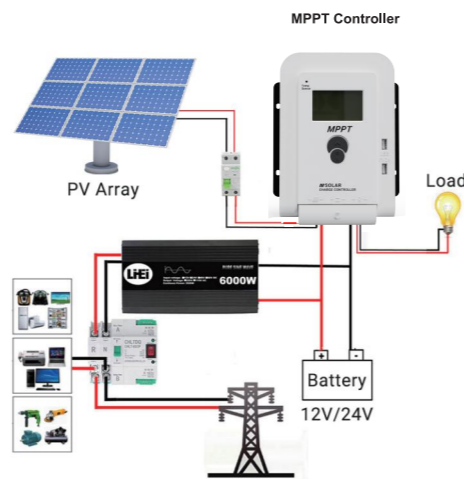


Bottom view



1. Temperature compensation
2. Button mode
3. LCD display
4. USB Output

System Diagram



Product Features

- Advanced MPPT maximum power point tracking technology, the tracking efficiency is no less than 99.5%.
- High quality components are used to improve the system performance, and the maximum conversion efficiency can reach 97%.
- The function of battery temperature compensation.
- Seal, GEL, Flooded, LifePO4 and Li(NiCoMn) O2 charging process can be selected.
- Reliable maximum input power of PV array to ensure the safety of equipment.
- Use the RS485 methods to maximize the communication needs of different occasions.
- Super fast maximum power tracking speed while ensuring tracking efficiency.
- Accurate identification and tracking of the maximum power point of multi-wave peak.
- The LCD is designed to dynamically display the operation data and working status of the equipment.









Technical Data

MODEL	MPQ20	MPQ40	MPQ60			
Maximum PV open circuit voltage	<60V	<100V				
System voltage	12V/24V Auto					
Rated charge Current	10A	20A	30A	40A	50A	60A
PV maximum input power	130W 260W	260W 520W	390W 780W	520W 1040W	650W 1300W	780W 1560W
Rated Discharge Current	10A		20A		30A	
Charging control mode	MPPT					
Float charge	13.8V/27.6V					
Absorption charge	14.4V/28.8V					
Equalization charge	14.6V/29.2V					
Load disconnection(LVD)	10.8V/21.6V					
Loadreconnection(LVR)	12.6V/25.2V					
Working temperature range	-20~+55°C					
Temperature compensation	-24mV/°C for 12V system					
Battery Type	GEL,SLD,FLD Lithium batteries customization					

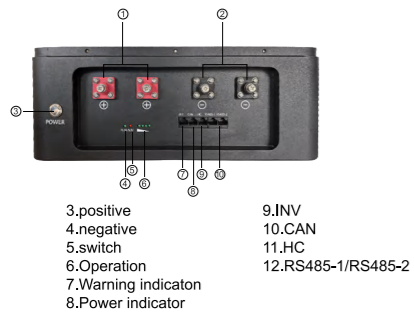
*Product specifications are subject to change without further notice.

ANJ Series [5.12/10.24Kwh]
51.2V 100Ah/200Ah

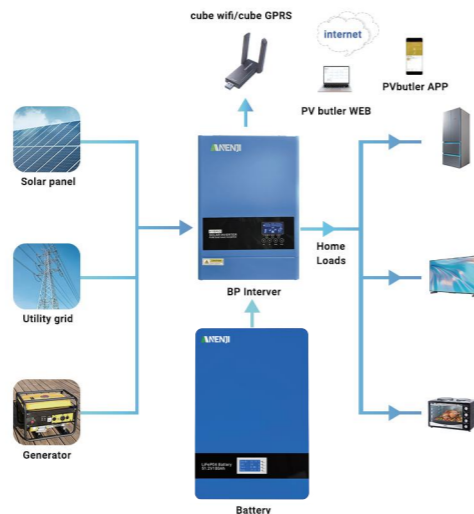


 Deep cycle	 100A/200A	 5kwh/10kwh energy capacity	 Long lifespan
 over-voltage protection	 over-load protection	 over-temperature protection	 High utilization

Bottom view



System Diagram



Product Features

- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Functio
- 5.12Kwh/10.24Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel

Techical Data









Model	ANJ-100AH-PX	ANJ-200AH-PX
Nominal voltage	51.2V	51.2V
Capacity	5.12Kwh	10.24Kwh
Cell	LFP 3.2V/100Ah	LFP 3.2V/100Ah
Cell series parallel mode	16S1P	16S2P
Nominal capacity	100Ah	200Ah
Working voltage	43.2-58.4V	43.2-58.4V
Rated charge discharge current	50A	100A
Maximum charge discharge current	100A	200A
Cycle life	6000 cycles	6000 cycles
Operating temperature	Discharge: 0℃ ~ 55℃; Charging: -10℃ ~ 55℃;	Discharge: 0℃ ~ 55℃; Charging: -10℃ ~ 55℃;
Weight	46±3Kg	83±5Kg

*Product specifications are subject to change without further notice.

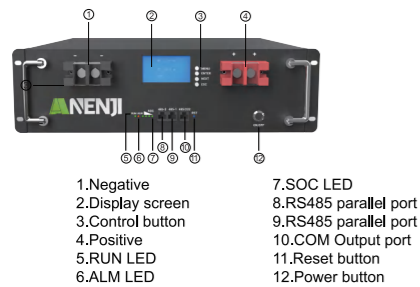
ANJ Series [LiFePO4 Battery]

51.2V 100Ah/200Ah

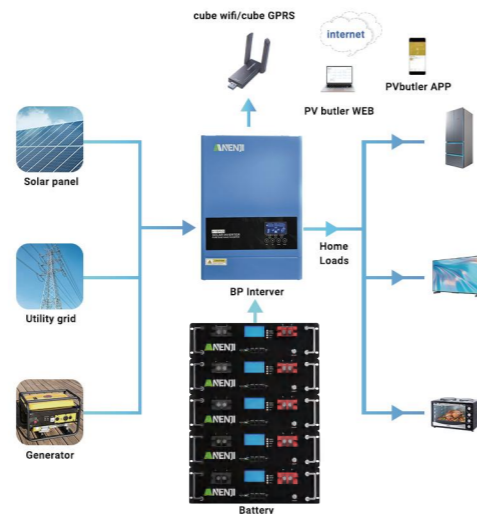


 >6000 cycles reliable performance	 100A/200A	 5kwh/10kwh energy capacity	 Maximum 16 parallel connections
 Smart BMS communication protocol	 Supports multiple Inverter brands	 over-temperature protection	 High utilization

Bottom view



System Diagram



Product Features

- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Functio
- 5.12Kwh/10.24Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel

Technical Data

Model	ANJ-LP04-51.2V-100AH	ANJ-LP04-51.2V-200AH
Voltage	48Vdc/51.2Vdc	
Capacity	100Ah	200Ah
Energy	4.8KWh/5.12KWh	9.6KWh/10.24KWh
Max. Chg Voltage	54.75V/58.4V	
Cut-off Dsg Voltage	39.0V/42.0V	
Stand. Chg current	50A	50Ah
Max. Chg current	100Ah	100Ah
Stand. Dsg current	100Ah	100Ah
Max. Dsg current	100Ah	100Ah
Peak Dsg current	150Ah	150Ah
Protections	OVP/UVp/OCP/OTP/UTP/SCP etc.	
Communication	RS485/232	
Work temperature	Charge: 0°C-45°C Discharge: -15°C-60°C	
Storage temperature	0°C-45°C@60+20% Relative Humidity	
Protection grade	1P21	
Weight	43kg/46kg	86kg/92kg

*Product specifications are subject to change without further notice.

ANJ Series [300AH-PX]

51.2V 300Ah



- Over Max 6000 Cycles
- Built-In BMS Protection
- Balance Function
- ≥96% Efficiency
- Communicate Function
- Maximum 15 parallel connections
- Storage History Function
- 15.36Kwh Total Energy

High Usable Ratio



- High output power**
Nected more units in parallel to get more energy capacity
- High utilization**
Energy storage battery has high output power and usable energy can reach 95% usable ratio

Product Features

- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Function
- 15.36Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel

System Diagram



Technical Data









No.	Item	General Parameter	Remark
1	Combination method	3.2V304Ah Cell-16S1P	
2	Rated Capacity	Typical 300Ah	Standard discharge after Standard charge (package)
		Minimum 300Ah	
3	Factory Voltage	52V-54V	Mean Operation Voltage
4	Voltage at end of Discharge	40V	Discharge Cut-off Voltage
5	Charging Voltage	58.4V	
6	Internal Impedance	≤13mΩ	Internal resistance measured at AC 1KHZ after 50% charge The measure must use the new batteries that within one week after shipment and cycles less than 5 times
7	Standard charge	Constant Current: 100A Constant Voltage: see No.5 cut-off: 0.02C A	Charge time : Approx 1h
	Limiting current	10A	
8	Standard discharge	Constant current: 100A end voltage: see NO.4	
9	Maximum Continuous Charge Current	200A	T≥10°C
10	Maximum Continuous Discharge Current	200A	T≥10°C
11	Operation Temperature Range	Charge: 0~45 °C	Bare Cell 60±25%R.H.
		Discharge: -20~55 °C	
12	Storage Temperature Range	Less than 8 months -10~35 °C	at the shipment state 60±25%R.H
		less than 3 months -10~45 °C	
		Less than 7 day -20~65 °C	
13	Weight	120±5Kg	Include case
14	Cycle life	≥6000 times	80%DOD-0.2C/0.5C Charger/Discharge25 °C

*Product specifications are subject to change without further notice.

ANJ Series [LP04-12V-100Ah]

12V 100Ah

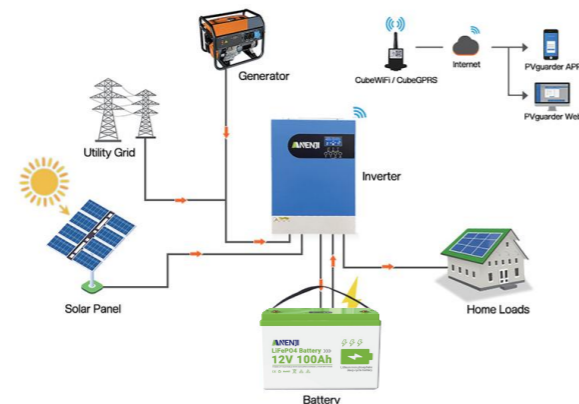


 6000 cycles	 100A/200A	 Vibration Resistance	 Weighting 13kg light weight
 Maintenance Free	 Voltage Hold at Around 48V (Provide >80% Capacity)	 100% DOD (Depth of Discharge)	 IP65 Level Water Proof

Product Size



System Diagram



Product Features

- **BMS**
Our battery management system utilizes only the highest quality components and is manufactured specifically for our LiFePO4 cells to boost performance and maximize lifespan, as opposed to competitors who source boards and parts from various, unreliable suppliers.
- **CLESS**
Our cell undergo a strict and selective quality control process that ensures only the best graded-A cells make it into the final battery.
Any cell that reaches the final stage of production is confidently given an official rating of up to 6000 cycles

Technical Data

NO.	Items	Criteria	Remarks
2.1	Typical Capacity	1280Wh	0.2C charge discharge for voltage
2.2	Combination Method	4S1P	
2.3	Nominal Voltage	12.8V	
2.4	Internal Impedance	Battery: <30mQ	AC 1KHz after standard charge
2.5	Charge Voltage(V)	14.6V	
2.6	Standard Charge Current	50A	
2.7	Max. Charge Current	100A	
2.8	Continuous discharge current	50A	
2.9	Pulse current	350A	
2.10	Shipping Voltage Requirements	≥12.8V	
2.11	Operating Temperature	0 °C ~ +50 °C	Charging
		-20 °C ~ +50 °C	Discharging
2.12	Storage Temperature	-20 °C ~ +45 °C	Less than 1 month
		-20 °C ~ +35 °C	Less than 6 months
3.1	GFL-manufactured Cell	48173125-100Ah	LiFePO4
3.2	BMS	4S100A	
3.3	Connector		

*Product specifications are subject to change without further notice.

ANJ Series [LP04-24V-100Ah]

24V 100Ah



6000 cycles



100A/200A



Vibration Resistance



Weighting 19.5kg light weight



Maintenance Free



Voltage Hold at Around 48V (Provide >80% Capacity)



100% DOD (Depth of Discharge)

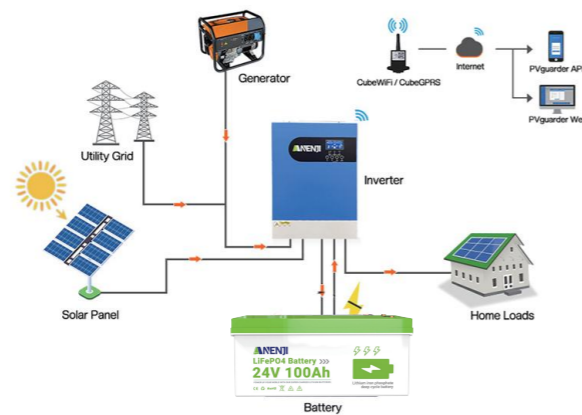


IP65 Level Water Proof

Product Size



System Diagram



Product Features

- BMS**
 Our battery management system utilizes only the highest quality components and is manufactured specifically for our LiFePO4 cells to boost performance and maximize lifespan, as opposed to competitors who source boards and parts from various, unreliable suppliers.
- CLESS**
 Our cell undergo a strict and selective quality control process that ensures only the best graded-A cells make it into the final battery.
 Any cell that reaches the final stage of production is confidently given an official rating of up to 6000 cycles

Technical Data

NO.	Items	Criteria	Remarks
2.1	Typical Capacity	2560Wh	0.2C charge discharge for voltage
2.2	Combination Method	8S1P	
2.3	Nominal Voltage	25.6V	
2.4	Internal Impedance	Battery: <0.7mQ	AC 1KHz after
2.5	Charge Voltage(V)	29.2V	
2.6	Standard Charge Current	20A	
2.7	Max. Charge Current	100A	
2.8	Continuous discharge current	100A	
2.9	Pulse current	300A	
2.10	Shipping Voltage Requirements	≥12.0V	
2.11	Operating Temperature	0 °C ~ +50 °C	Charging
		-20 °C ~ +60 °C	Discharging
2.12	Storage Temperature	-20 °C ~ +45 °C	Less than 1 month
		-20 °C ~ +35 °C	Less than 6 months
3.1	GFL-manufactured Cell	50160116 -100Ah	LiFePO4
3.2	BMS	SH21F0B663X4-FB8S100A	
3.3	Connector		

*Product specifications are subject to change without further notice.