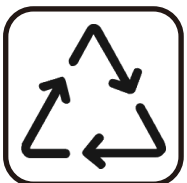




ANENJI

**Become a Great Supplier
of New Energy**



COMPANY PROFILE

ANENJI Energy is a leading manufacturer of solar inverter, solar charge controller and lifepo4 battery. Over time, ANENJI Energy has become one of the top providers of solar inverters in the industry. Today, there are over 100,000+ ANENJI systems installed around the world, and the list continues to grow. We provides the easiest monitoring of all roles from the chain, with products ranging from residential to commercial. We have a complete and mature pre-sales and after-sales service system. We provide our customers with a pleasant, convenient and reassuring shopping experience. Whether you are an individual or a business user, we always provide the best service to our customers. Service is always our top priority. Nowadays, we have warehouses and repair centers in Europe.

We also provide pick-up service.

We are committed to allowing our users to benefit from the sun and enjoy life in the most cost-effective way.



PRODUCT APPLICATION SCENARIOS



Solar Home System



Solar RV System



Solar Street Light System



Solar Power Plant System



Solar Vessels System(Boat)



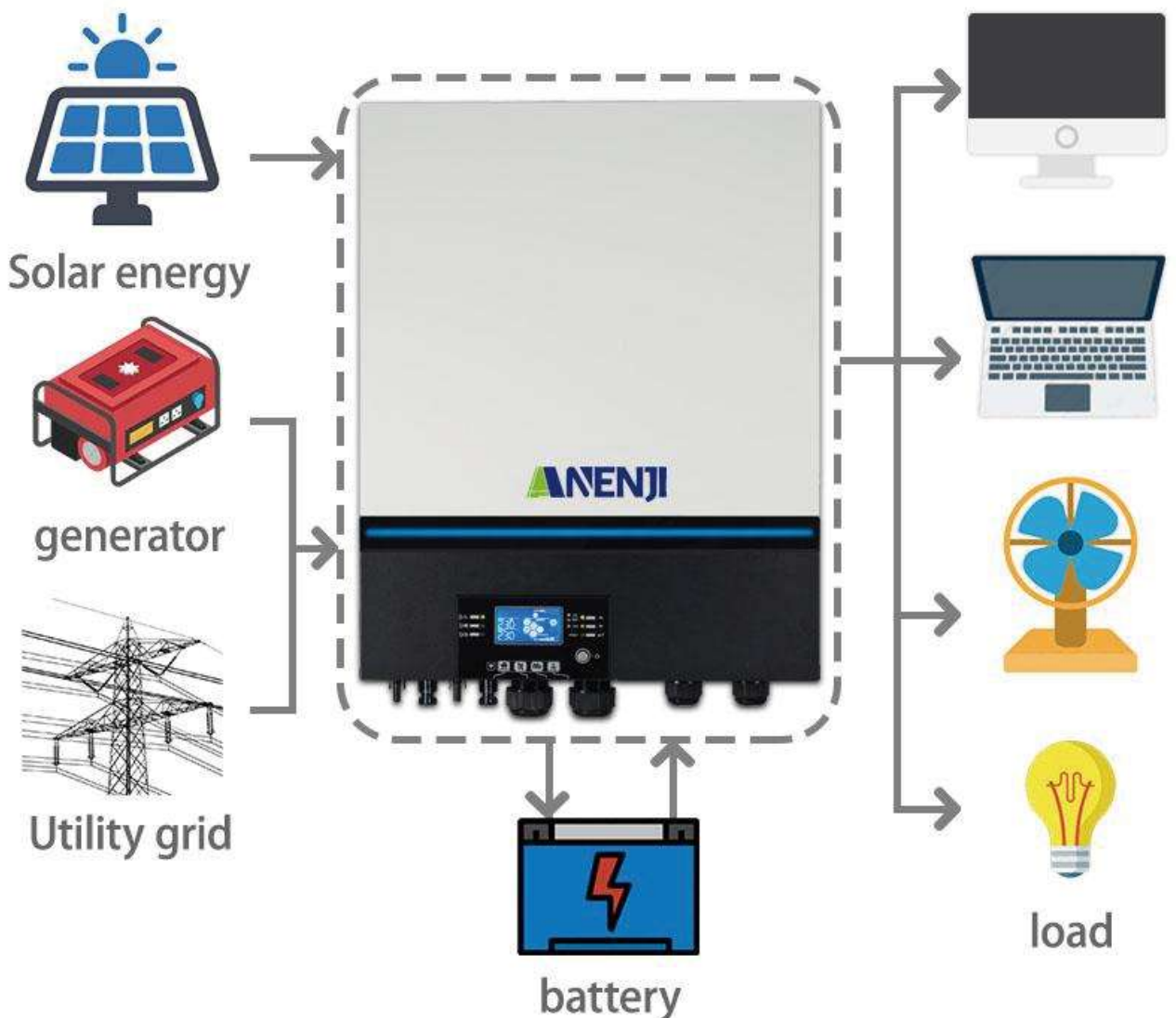
Hybrid Energy System



ANJ-MAX-TWIN Series



- Dual outputs, for smart load management
- Maximum PV input current increases to 27A
- Wide PV input voltage range 90VDC ~ 450VDC
- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on (only for 8K model)
- Parallel operation with 6 units



MODEL	ANJ-MAX-8KW-TW	ANJ-MAX-11KW-TW
RATED POWER	8000VA/8000W	11000VA/11000W
PARALLEL CAPABILITY	YES,6 units	
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC(For Personal Computers) 90-280 VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
OUTPUT		
Ac Voltage Regulation(Batt.Mode)	230VAC±5%	230VAC±5%
Surge Power	16000VA	22000VA
Efficiency(Peak)	93%	
Transfer Time	10 ms (For Personal Computers). 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
Optional DC Voltage	12VDC±5%,100w	N/A
BATTERY		
Battery Voltage	48 VDC	48 VDC
Floating Charge Voltage	54VDC	54VDC
Overcharge Protection	66 VDC	63 VDC
Solar Charger & AC Charger		
Solar Charger Type	MPPT	
Maximum PV Array Power	8000W (4000W x2)	11000W(5500W x2)
MPPTRange@ Operating Voltage	90~ 450 VDC	90~450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum PV Input Current	27Ax 2(MA x 40A)	
Maxmum Solar Charge Current	120A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	120A	150A
PHYSICAL		
Dimension,D xWxH(mm)	147.4x432.5x553.6	
Net Weight (kgs)	18.4	
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5%to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	CE

ANJ-V-IV Series



- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS
- Parallel operation up to 9 units



MODEL	ANJ-V-IV-6KW-TW
Phase	1-phase in/1-phase out
MAXIMUM PV INPUT POWER	6500W
RATED OUTPUT POWER	6000W
MAXIMUM CHARGING POWER	6000W
GRID-TIE OPERATION	
PV INPUT(Dc)	
Nominal DC voltage/ Maximum DC Voltage	360 VDC /500 VDC
Start-up Voltage/ Initial Feeding Voltage	120VDC/150 VDC
MPP voltage Range	120 VDC~ 430 VDC
Number of MPp Trackers / Maximum input Current	1/27A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184-264.5VACor 195.5-253 VAC (Selectable)
Nominal Output Current	26.1A
Power Factor	>0.9
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	95%
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage /Auto Restart Voltage	120-140 VAC/ 180 VAC
Acceptable input Voltage Range	90-280 VAC or 170-280 VAC
Maximum Ac input Current	40A
PV INPUT(DC)	
Maximum Dc Voltage	500 VDC
MPP Voltage Range	120 VDC~ 430 VDC
Number of MPp Trackers /Maximum Input Current	1/27A
BATTERY MODE OUTPUT(AC)	
Nominal Output voltage	220/230/240 VAC
Output Waveform	Pure sinewave
Efficiency (Dc to AC)	93%
BATTERY & CHARGER	
Nominal Dc Voltage	48 VDC
Maximum Solar Charging Current	120A
Maximum Ac Charging Current	120A
Maximum Charging Current	120A
PHYSICAL	
Dimension.D×W×H(mm)	140x 295 x 468
Net Weight (kgs)	12
INTERFACE	
Parallel Function	Yes, 9 units
Communication Port	USB/RS232/RS485/WIFI/Dry-contact
ENVIRONMENT	
Humidity	0 90% RH(Non-condensing)
Operating Temperature	-10 to 50°C



ANJ-H3-Series

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 800V PV input voltage, ideal for high power
- Outputs high quality pure sine wave AC power
- 8-12kW load power to meet the needs of most households
- Industrial design with a modern aesthetic look
- Wall-mounted installation saves home space
- 360 degrees of security from hardware to software
- IEC、FCC and other safety approvals
- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley tariffs
- The 400V three-phase system is efficient, reliable and ideal for large equipment, providing energy and cost saving



MODEL	ANJ-10000W-H3	ANJ-12000W-H3
INVERTER OUTPUT		
Rated Output Power	10,000W	12,000W
Max. Peak Power	20,000W	24,000W
Rated Output Voltage	230/400Vac(three-phase)	
Capacity of Motor Load	6HP	6HP
Rated Frequency	50/60Hz	
Output Waveform	pure sine wave	
Switching Time	10ms(typical)	
BATTERY		
BatteryTypes	Li-ion/Lead-Acid/User Defned	
Rated Battery Voltage	48Vdc	
Voltage Range	40~60Vdc	
Max. PV Charging Current	220A	260A
Max.Utility/Generator Charging Current	220A	120A
Max. Hybrid Charging Current	220A	260A
PV INPUT		
No. of MPPT	2	
Max.input Power	7500W/7500W	9000W/9000W
Max.Input Current	22A/22A	
Max.Open-circuit Voltage	800Vdc/800vdc	
MPPT Operating Voltage Range	200~650Vdc/200~650Vdc	
UTILITY/GENERATOR INPUT		
Input Voltage Range	phase voltage 170~280V, line voltage 305~485V	
Input Frequency Range	50/60Hz	
Bypass Overload Current	63A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	>92%	
European Efciciency	97.5%	97.5%
GENERAL		
Dimensions	620*445*130mm(2.03*1.46*0.43ft)	
Weight	27kg(59.52lb)	
Protection Degree	IP20, indoor only	
Ambient Temp	-10~55°C, >45°C derated	
Noise	<60dB	
Cooling Method	air cooling	
Warranty	2 years	
COMMUNICATION		
Internal Interface	RS485/CAN/USB/Dry contact	
External Module (optional)	Wi-Fi/GPRS	
CERTIFICATION		
Safety	IEC62109-1,IEC62109-2,UL1741	
EMC	EN61000-6-1,EN61000-6-3.FCC15 classB	
RoHS	Yes	



ANJ-6200W-48V-WIFI

- 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
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle
- Compatible work with lifepo4 battery via RS485
- Lithium battery activation function, which can be triggered by mains or PV

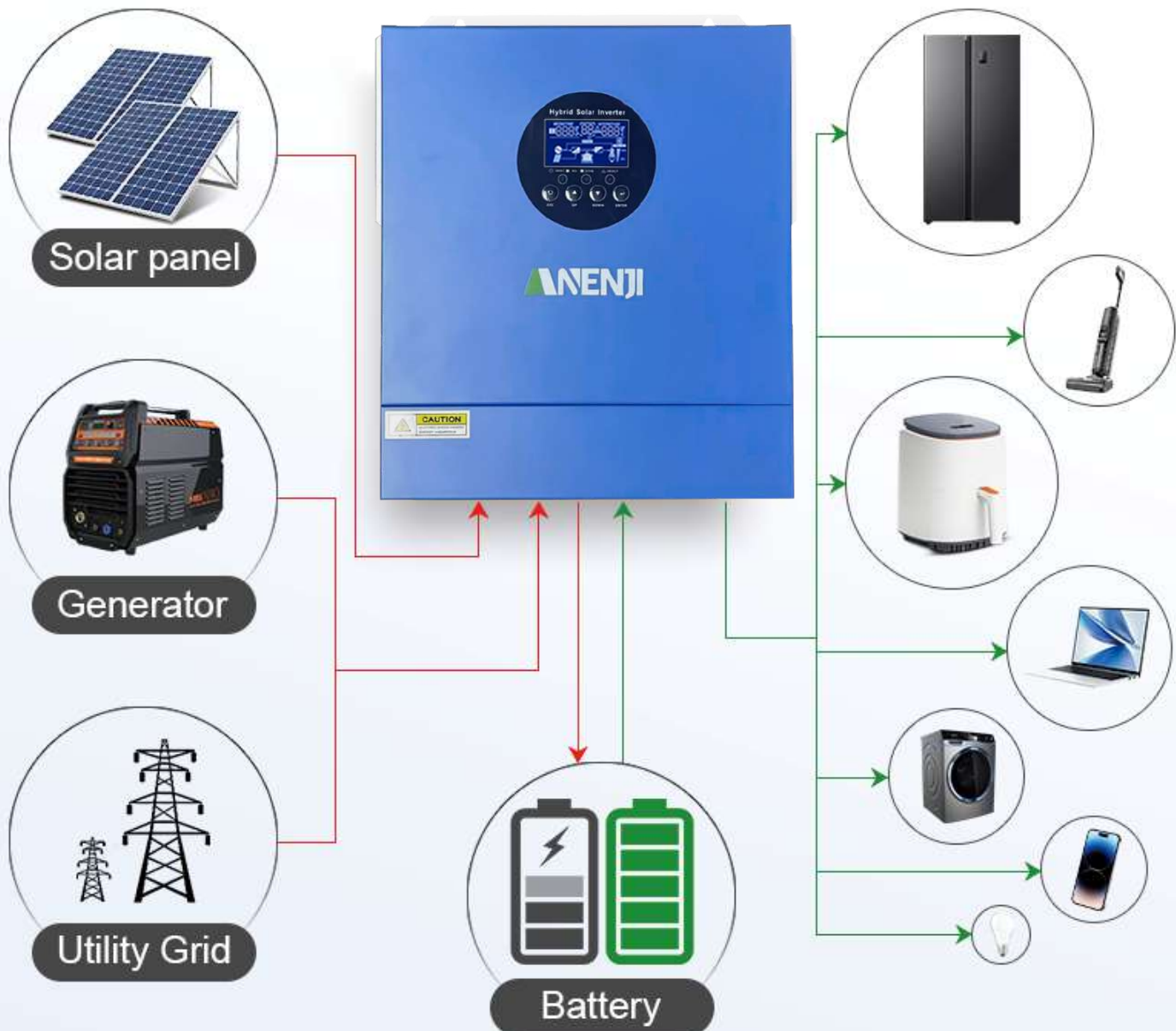


MODEL	ANJ-6200W-48V-WIFI
CAPACITY	6.2KVA/6.2KW
INPUT	
Nominal Voltage	230VAC
Frequency	50/60Hz (Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	11000VA
Frequency	50/60Hz
Waveform	Pure sine wave
Transfer Time	10ms (For personal Computed),20ms (For HomeAppliances)
Peak Efficiency (PV to INV)	96%
Peak Efficiency (Battery to INV)	93%
Overload Protection	5s@>=150% load; 10s@110%-150% load
Crest Factor	3:01
Admissible Power Factor	0.6-1(inductive capacitive)
Battery	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Over Charge 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	60-500VDC
Max. Solar Input Current	27A
Max. Solar Charge current	120A
Max. AC Charge Current	80A
Max. Charge Current	120A
Physical	
Dimensions,DxWx H(mm)	482X290X113
Package Dimensions DxWxH(mm)	566X380X190
Net Weight(kgs)	10
Communication Interface	USB/RS232/Dry-contact
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage temperature	-15°C - 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)

ANJ-2000W-12V-WIFI



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



MODEL	ANJ-2000W-12V-WIFI
Capacity	2KVA
Parallel Capability	NO
Lithium Battery activation	YES (By PV only)
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	3000VA
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@100%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1(inductive or capacitive)
BATTERY	
Battery Voltage	12V
Floating Charge Voltage	13.5V
OverCharge Protection	14.1V
Charging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	900W
Max.PV Array Open Circuit Voltage	160VDC
PV Array MPPT Voltage Range	30VDC~160VDC
Max.Solar Input Current	30A
Max.Solar Charge Current	60A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	120A
PHYSICAL	
Dimensions,DxWxH(mm)	358x295x105.5
Package Dimensions,D xW x H(mm)	465x375x175
Net Weight(Kg)	5.80
Communication Interface	RS232/RS485
ENVIRONMENT	
Operating Temperature Range	(-10℃ to 50℃)
Storage Temperature	(-15℃~50℃)
Humidity	5% to 95% Relative Humidity(Non-condensing)

ANJ-4000W-24V-WIFI



- 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
- WiFiremote monitoring optional
- Support multiple output priority:UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extendlifecycle

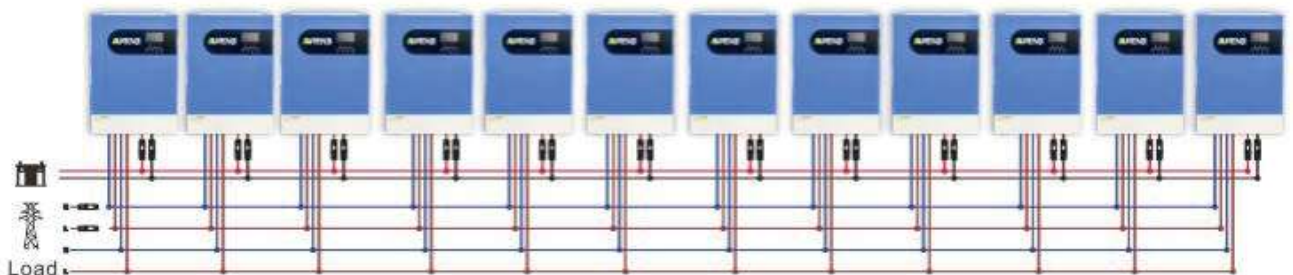
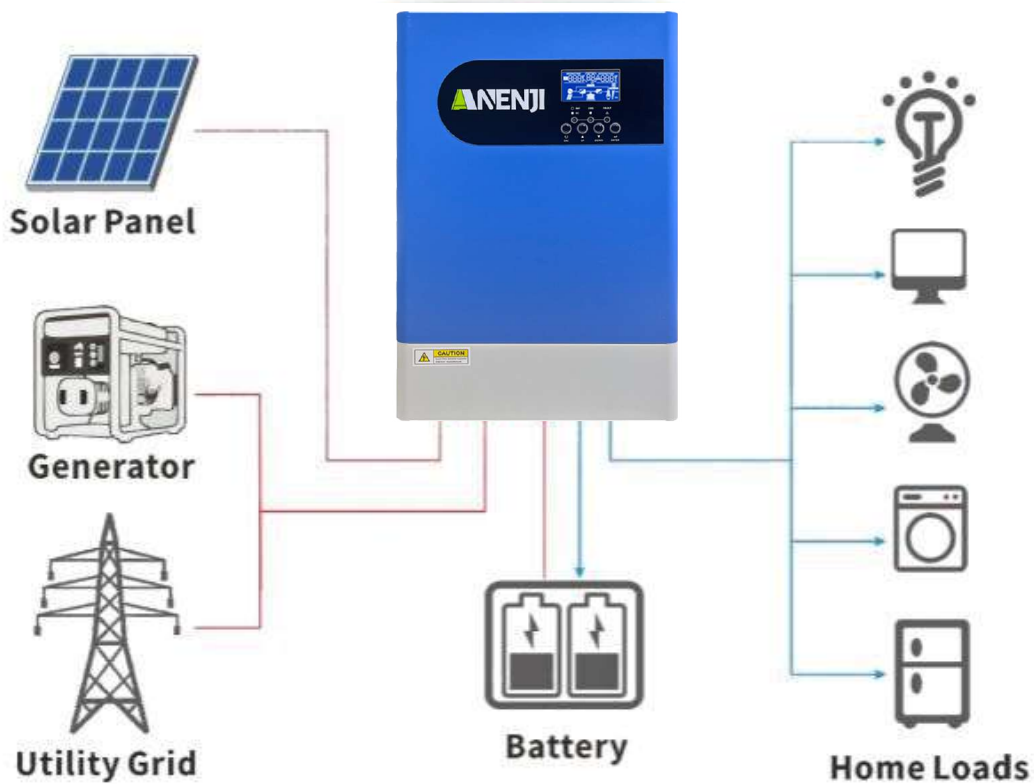


MODEL	ANJ-4000W-24V-WIFI
Capacity	4KVA/4KW
Parallel Capability	NO
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC+5%
Surge Power	7000VA
Frequency	50/60Hz
Waveform	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	4000W
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℃ to 50℃)
Storage Temperature	(-15℃~50℃)
Humidity	5% to 95% Relative Humidity(Non-condensing)



ANJ-HHP-II-6.2KW-WIFI

- Compatible work with lifepo4 battery
- Parallel operation upto 12 units in 1 phase or 3 phase
- Direct Plug WiFi Dongle Supported-No additional cables required just plug and play
- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle



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,DxWxH(mm)	450*300*130
Package Dimensions,D xW x H(mm)	540x390x210
Net Weight(Kg)	12
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10℃ to 50℃)
Storage Temperature	(-15℃~50° C)
Humidity	5% to 95% Relative Humidity(Non-condensing)

ANJ-6200W-TW-WIFI



- Dual output for smart load management
- Lithium battery activation function by PV or Utility
- Compatible work with LiFePO4 battery via RS485
- PV Input 500Vdc Max
- Built-in MPPT120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Wifi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle



MODEL	ANJ-6200W-TW-WIFI
PHASE	1-Phase In /1-Phase Out
Maximum Py input Power	6500W
Maximum Main Output Power	6200VA/6200W
Maximum Second Output Power	6200VA/6200W
Maximum Total Output Power	6200VA/6200W
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	12400VA
Frequency	50/60 Hz
Waveform	Pure Sine wave
Dual Outputs	Yes
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	94%
Overload Protection	5s@>=140% load; 10s@100%~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	6500W
Max. PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max, Solar Input Current	1/27A
Max, Solar Charge Current	120A
Max, AC Charge Current	80A
Max. Charge Current	120A
PHYSICAL	
Dimensions, D x W x H(mm)	438x312x122
Package Dimensions, D x W x H(mm)	540x390x210
Net Weight (Kgs)	11
Communication Interface	RS485(RJ45)/RS232(DB9)
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage temperature	-15°C ~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)

ANJ-6200-48PL-WIFI



- Self-consumption and Feed-in to the grid
- Programmable multiple operation modes :
Grid-tie , off-grid and grid-tie with backup
- Backflow prevention via external CT sensor and grid connection function
- 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 MPPTsolar controller 100/120A
- 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

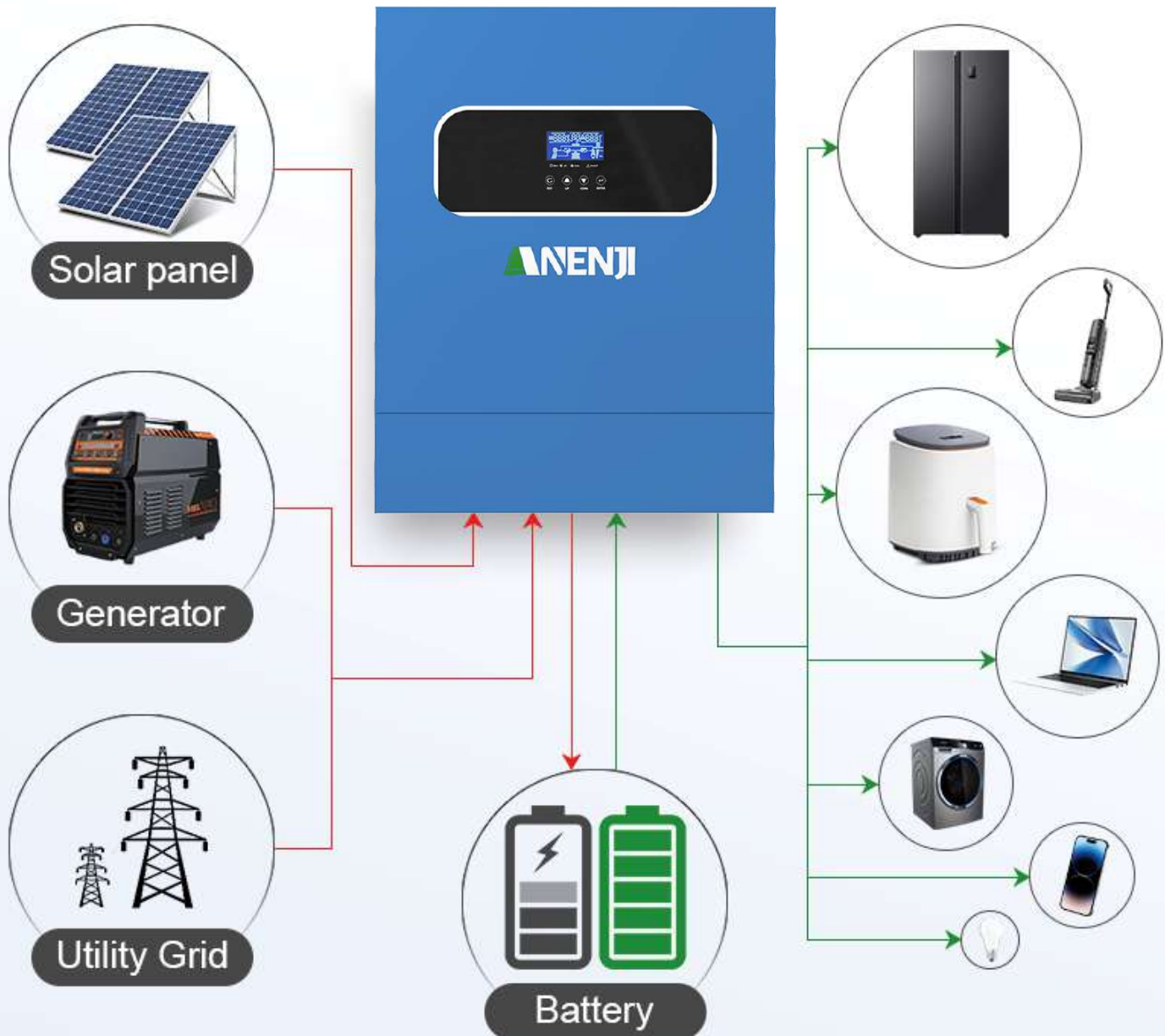


MODEL	ANJ-6200-48PL-WIFI
PHASE	1-Phase In /1-Phase Out
Maximum PV input power	6500W
Parallel Function	YES,12 Units
Rated output power	6200VA/6200W
Lithium battery activation	Yes (By PV or Utility)
Lithium battery communication	Yes
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage / Maximum DC Voltage	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 xW 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~50°C

ANJ-HHS-Series



- Built-in 2 MPPT
- Lithium battery activation function by PV or Utility
- Compatible work with LiFePO4 battery via RS485
- Pure Sine Wave
- Powerfactor1.0
- PVInput 500Vdc Max
- Built-in MPPT 140A/160A
- Capable to work without battery
- Detachable dust coverforharsh environment
- Wifi remote monitoring optional
- Support multiple output priority:UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extend lifecycle



MODEL	ANJ-HHS-8500W-48V-WIFI	ANJ-HHS-11KW-48V-WIFI
Capacity	8.5KVA/8.5KW	11KVA/11KW
Maximum PV Input Power	10KW	11KW
Parallel Capability	NO	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	17000VA	22000VA
Frequency	50/60 Hz	
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	
Admissible Power Factor	0.6~1(inductive or capacitive)	
Grid-tie Operation	NO	
BATTERY		
Battery Voltage	48VDC	48VDC
Maximum Discharge Current	180A	220A
Floating Charge Voltage	54VDC	54VDC
OverCharge Protection	63VDC	63VDC
Charging Method	CC/CV	
SOLAR CHARGER & AC CHARGER		
Solar Charger TYPE	MPPT	MPPT
Max.PV Array Power	5000W*2	5500W*2
Max. PV Array Open Circuit Voltage	500VDC	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC	60VDC~500VDC
Max. Solar Input Current	18A*2	18A*2
Max. Solar Charge Current	140A	160A
Max. AC Charge Current	120A	120A
Max. Charge Current	140A	160A
PHYSICAL		
Dimensions, D x W x H(mm)	540*415*122	540*415*122
Net Weight (Kgs)	14	15
Communication Interface	RS232/RS485/DRY CONTACT	
LCD	YES	
ENVIRONMENT		
Operating Temperature Range	-10°C to 50°C	-10°C to 50°C
Storage temperature	-15°C~ 60°C	-15°C~ 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)	

Dual USB Output LCD Display



- 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.



MPQ20



MPQ40



MPQ60

Open circuit voltage

<75v <100v

System voltage

12v 24v

Rated Charge Current

16A 60A

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
PVmaximum input power	130W	260W	390W	520W	650W	780W
	260W	520W	780W	1040W	1300W	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					

ANJ-LP04-12V-100AH

- 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 cells 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



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	$\geq 12.8V$	
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		

ANJ-LP04-24V-100AH

• 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.

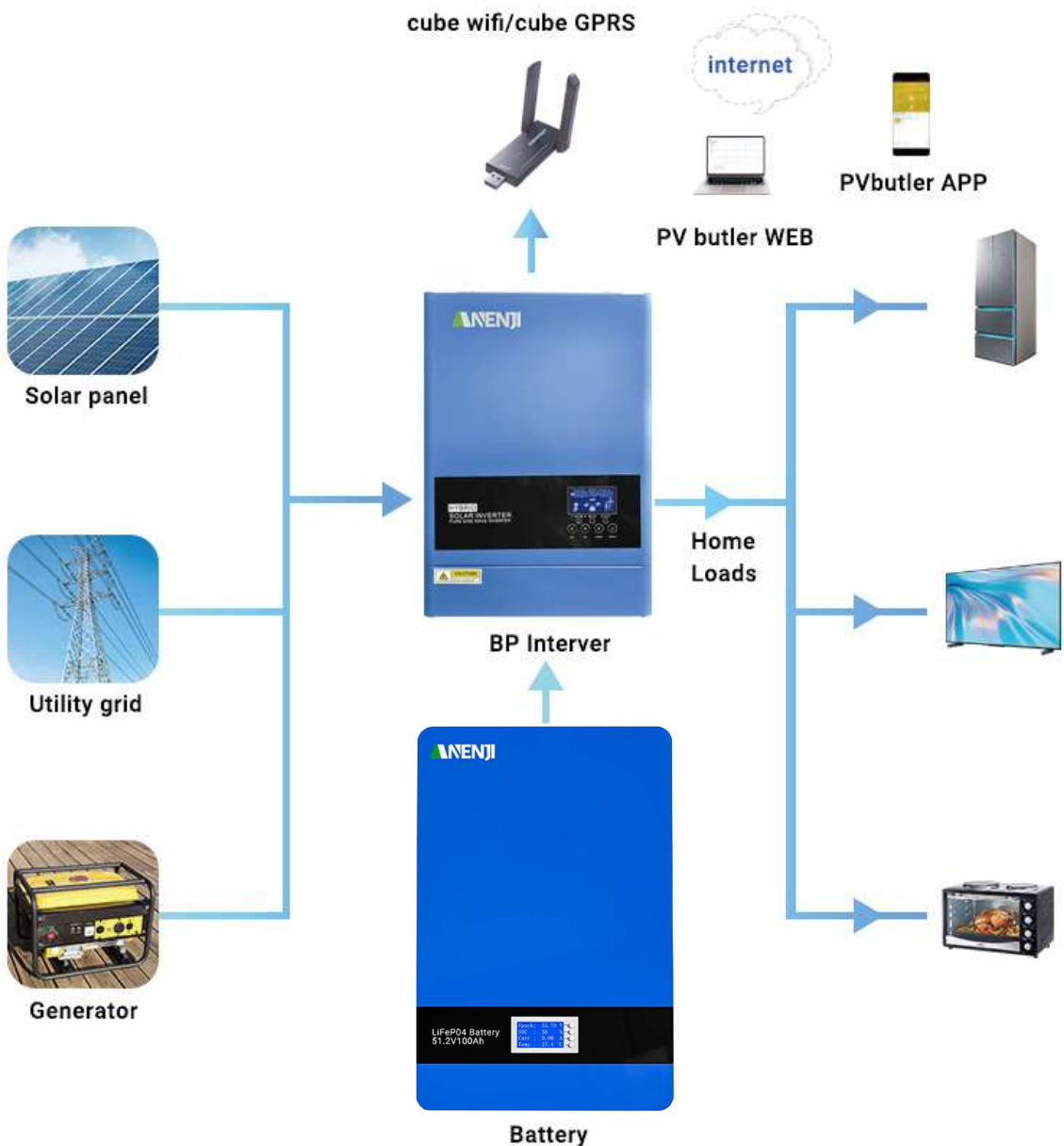
Any cell that reaches the final stage of production is confidently given an official rating of up to 6000 cycles



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	$\geq 12.0V$	
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		

ANJ-LiFePO4 Battery

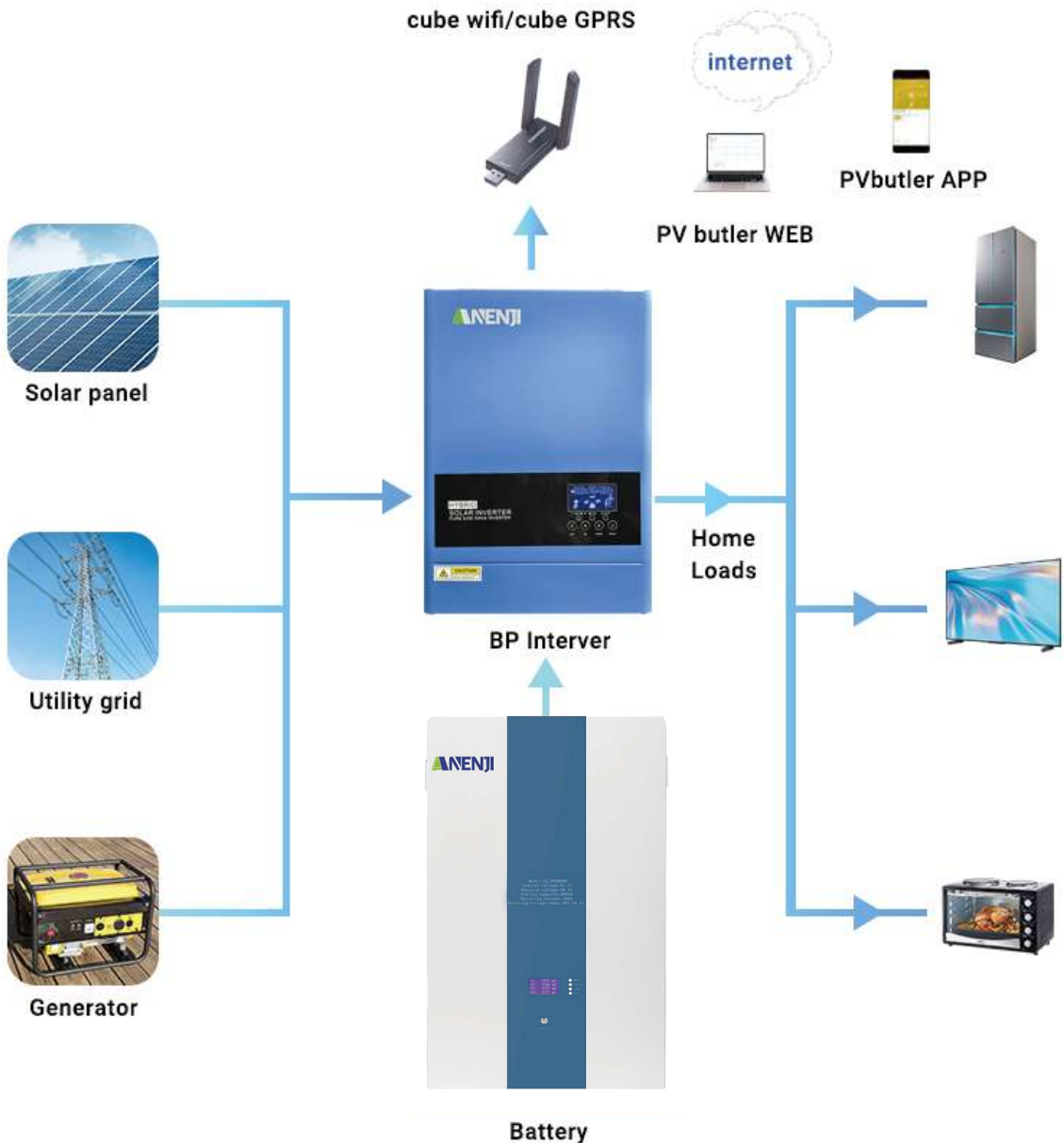
- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Function
- 5Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel



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	100A
Cycle life	6000 cycles	6000 cycles
Operating temperature	Discharge: 0 °C ~ 55 °C; Charging: -10 °C ~ 55 °C;	Discharge: 0 °C ~ 55 °C; Charging: -10 °C ~ 55 °C;
Weight	46±3Kg	83±5Kg

ANJ-LiFePO4 Battery

- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Function
- 5Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel

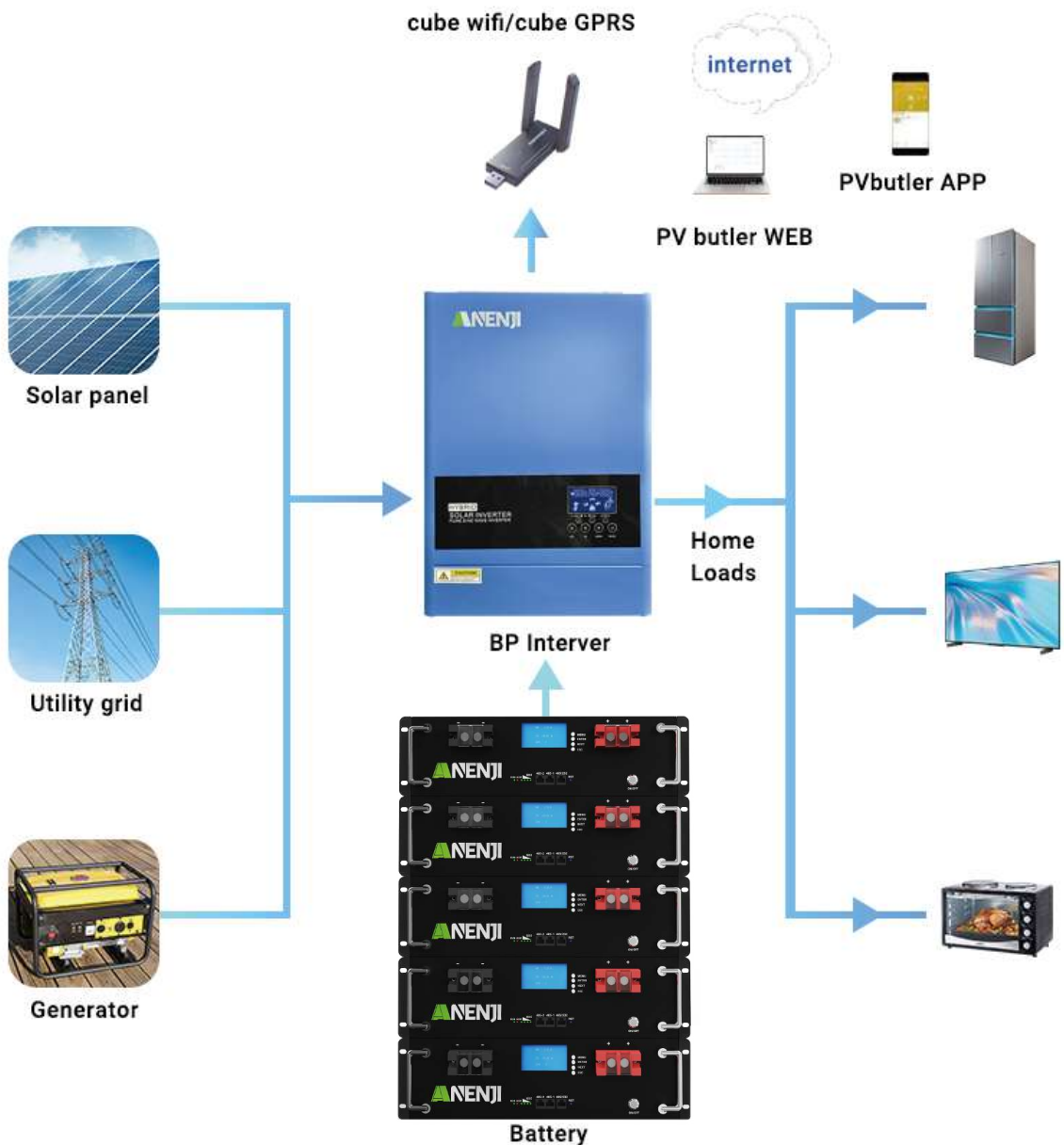


Serial	name	specification parameter
1	cell	LFP 3.2V/200Ah
2	cell series-parallel mode	16S1P
3	nominal capacity	200Ah
4	nominal voltage	51.2V
5	working voltage	43.2-57.6V
6	capacity	10.24kWh
7	Rated charge-discharge current	0.5C
8	cycle life	6000 cycles
9	operating temperature	Discharge:0°C~55°C; Charging:-10°C~55°C;
10	weight	80 ± 5Kg

ANJ-LiFePO4 Battery



- Over Max 6000 Cycles
- Balance Function
- Built-In BMS Protection
- Communicate Function
- Storage History Function
- 5Kwh Total Energy
- ≥96% Efficiency
- MAX 15Pcs Battery in Parallel



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