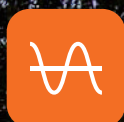


MAXIMA SERIES

LOW FREQUENCY TRANSFORMER ALL IN ONE SOLAR
POWER GENERATOR WITH LifePO4 BATTERY



Pure sine wave



All in one design



WiFi



Alarm & Protection



LiFePO4

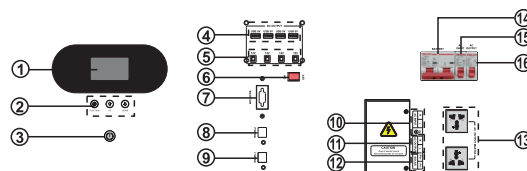


Various charging
methods



Features

- Convenient installation, integrating solar controller, inverter and battery all in one machine.
- Compact and elegant design, unique art design and convenient output connection port.
- Flexible energy storage capacity, supporting three charging methods: solar power, Petrol and diesel generator, and grid power.
- Support wifi or app monitoring.
- With overvoltage, overtemperature, overload, battery BMS communication and comprehensive protection.



1. LCD display	2. Function button
3. Power on/off button	4. DC 5V(USB) output port
5. DC 12V output port	6. DC output switch: Control the DC output of 5V/12V port
7. APP data collector interface(WIFI/GPRS data collector) (optional)	
8. RS485-2 communication interface(Optional. If this interface is configured, the APP data collector interface is cancelled)	
9. RS485-1 communication interface	10. AC input terminal(N/L/PE)
11. AC output terminal(N/L)	12. PV input terminal
13. AC output socket	14. Battery breaker
15. AC input breaker	16. AC output breaker

Application



Household



Office Equipment



Camping



Car electricity



Speaker
Equipment



Agricultural
Irrigation



Technical Parameters

Model Maxima	Maxima300	Maxima600	Maxima1200	Maxima2200	Maxima3000	Maxima5000	Maxima5000	Maxima5000	Maxima6000	Maxima7000
Power										
Rated Power	300W	600W	1200W	2200W	3000W	5000W	5000W	5000W	6000W	7000W
Battery										
Standard Battery Voltage	12.8VDC		25.6VDC		51.2VDC					
Battery Type	LiFePO4 Battery									
Battery Capacity	50AH			100AH	100AH		150AH	200AH		
Maximum charging current (mains + photovoltaic)	25A	30A	30A	60A	55A	90A	90A	90A	110A	110A
Maximum photovoltaic / mains charging current	20A/5A	20A/10A	20A/10A	40A/20A	40A/15A	60A/30A	60A/30A	60A/30A	80A/30A	80A/30A
AC Input										
AC Input Voltage	AC105V-120V model: 105VAC110VAC115VAC120VAC (can be set); AC220V-240V model: 220VAC230VAC240VAC (can be set)									
AC Input Frequency	45Hz~55Hz(50Hz), 55Hz~65Hz(60Hz)									
AC Output										
Output Wave	Pure Sine Wave									
Conversion efficiency (INV mode)	> 85%									
Output Voltage/Frequency (INV mode)	110VAC/120VAC/220VAC/230VAC/240VAC; 50Hz±1%, 60Hz±1% (can be set)									
MPPT Solar Charge Controller										
Max PV Input Voltage (Voc)	120VDC				180VDC					
PV Array Maximum Power	280W		560W	1120W	2240W	3360W	3360W	3360W	4480W	4480W
MPPT Tracking Voltage Range	15V-80VDC		30V-100VDC	30V-100VDC	60V-140VDC					
Other										
Protection	Battery undervoltage protection/Battery overvoltage protection/Battery overvoltage recovery voltage/ Overload power protection/Short circuit protection/Overtemperature protection									
Protection Degree	IP20									
Display	LCD									
Cooling Method	Cooling fan in intelligent control									
Communication	RS485 communication / APP (WIFI/GPRS data collector) optional									
Working Mode	Inverter priority/mains priority/energy saving mode									
Operating Temperature	-10℃~40℃									
Relative Humidity	0%-95% (No condensation)									
Size										
Product Size(L*W*Hmm)	560*380*150			630*430*219	525*245*938		540*325*1157			
Package Size(L*W*Hmm)	610*435*225			680*485*295	585*305*1100		600*385*1285			
N. W. (kg) (excluding battery)	7	10	15	20.5	37	40	52.5	52.5	54.5	57.5
G. W. (kg) (excluding battery)	8.5	11.5	16.5	22.5	45	48	62.5	62.5	64.5	67.5

Note: 1. Specifications are subject to change without prior notice; 2. Special voltage and power requirements can be customized according to the actual situation of users.