

On/off grid hybrid inverter

MAXII 8000

MAXII 11000



PV Input power max 8000W(2 trackers each 4000W/11000W 2 Trackers each 5500w)



Low no-load loss, lower than high-frequency machines with the same power rate



High PV input voltage range 90-450 VDC



Built-in WiFi for mobile monitoring (Android/iOS Apps available), removalbe LCD



Built-in integrated MPPT Module 150A



Parallel operation support Max.6 unit

Model	MAXII 8000	MAXII 11000
Rated power	8000VA/8000W	11000VA/11000W
AC Input		
Voltage	230VAC	230VAC
Voltage range	170-280Vac(applicable to personal computer) 90-280Vac (applicable to household appliances)	170-280Vac(applicable to personal computer) 90-280Vac (applicable to household appliances)
Frequency range	50 Hz/60 Hz	50 Hz/60 Hz
PV Input		
Maximum photovoltaic array power	8000W	11000W
Maximum open circuit voltage of photovoltaic array	500VDC	500VDC
MPPT @ working voltage range	90VDC-450VDC	90VDC-450VDC
Rated voltage	240V	360V
Starting voltage	80V+/-5VDC	80V+/-5VDC
MPPT quantity	2	2
Maximum input current	18A*2	18A*2
MPPT efficiency	93%	93%
Output Parameter		
Voltage	230VAC±5%	230VAC±5%
Frequency	50HZ	50HZ
Efficiency	93%	93%
Surge power	16000VA	22000VA
Conversion time	10ms (model UPS) M0ms (Household appliance)	10ms (model UPS) M0ms (Household appliance)
Harmonic wave	≤3	≤3
Overload capacity	5s@≥150%load;10s@110%-150%load	5s@≥120%load;10s@105%-120%load
Mains Mode		
Voltage	220/230/240VAC	220/230/240VAC
Frequency	50HZ	50HZ
Efficiency	95% (Resistive load, full battery)	95% (Resistive load, full battery)
Battery		
Battery voltage	48V	48V
Charging mode	Three-stage charging	Three-stage charging
Maximum charging current	150A	150A
Cold start voltage	46VDC	46VDC
Battery type	Lead-acid, AGM, lithium battery	Lead-acid, AGM, lithium battery
Screen		
Battery management function	RS232,RS485,CAN	RS232,RS485,CAN
Parallel function	Maximum parallel number 6	Maximum parallel number 6
Communication interface	USB,RS232,WIFI,Dry contact	USB,RS232,WIFI,Dry contact
Protection function	Output short circuit, overload overtemperature protection function	Output short circuit, overload overtemperature protection function
Working Environment		
Operating temperature	-10℃-50℃	-10℃-50℃
Storage temperature	-15℃-60℃	-15℃-60℃
Relative humidity	5%-95%	5%-95%
Physics		
Size (D/W/H)	144x420x590mm	144x420x590mm
Net weight(KG)	19	19
Executive standard	CE	CE