

Single-Phase Hybrid Inverter

7.2-10.2kW(Off grid)

-  Pure sine wave solar inverter
-  Wide range input of photovoltaic voltage
-  The inverter can operate without a battery
-  Built in dust-proof kit, suitable for harsh environments
-  Built in lithium battery automatic activation
-  Intelligent charging design, optimizing battery life
-  Dual output circuit
-  Restore factory settings with one click



Product Model	MASS-7.2KW		MASS-8.2KW		MASS-10.2KW	
Recommended Max. PV Power	8200W		8200W		10200W	
Rated Output Power	7200W/7200VA		8200W/8200VA		10200W/10200VA	
Max. Solar Charging Current	160A		160A		160A	
Photovoltaic Parameters						
Nominal Voltage/Maximum Voltage			360V/500V			
Start-up Voltage/initial Feeding Voltage			90V/120V			
MPPT Voltage Range			90V-450V			
MPPT Tracks The Number Of input Channels/Maximum input Current	1/18A				2/18A	
AC Output Data						
Rated Output Voltage/Frequency			220/230/240VAC 50/60Hz			
Rated Output Current	31.3A		35.6A		44.3A	
Voltage Range /Frequency			90-280VAC or170-280VAC 50/60Hz			
Max. Input Current			50A			
Efficiency						
Max. Efficiency (Solar to AC)			98%			
Two Loads Output Data						
Full Load	7200W		8200W		10200W	
Max. Main Load	7200W		8200W		10200W	
Max. Second Load(Battery Mode)	2400W		2733W		3400W	
AC Output Data (Battery Mode)						
Rated Output Voltage			220/230/240VAC			
Output Waveform			Pure sine wave			
Efficiency (DC to AC)			94%			
Battery Data						
Rated Battery Voltage	48VDC		48VDC		48VDC	
Max. Solar Charging Current	160A				180A	
Max. AC Charging Current	140A				160A	
General Data						
Dimension D*W*H (mm)			530*420*160			
Weight (Kgs)	14.5		14.5		15	
Communications			RS232/RS485/WIFI/GPRS			
Operating Ambient Temperature			-10-50℃			