



HYBRID SOLAR INVERTER/SINGLE PHASE MEGA 6KW

MODEL	HYPON-6KW
PHASE	1-phase in/1-phase out
MAXIMUM PV INPUT POWER	9000W
RATED OUTPUT POWER	6000W
MAXIMUM CHARGING POWER	6000W
Maximum DC Voltage	520Vdc
Start-up Voltage /Initial Feeding Voltage	90Vdc/120Vdc
MPPT Voltage Range	50-450Vdc
Number of MPPT Trackers /Maximum Input Current	2/18A+18A
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC(Selectable)
Nominal Output Current	26.1A
Power Factor	>0.99
Maximum Conversion Efficiency(DC/AC)	97%
AC Start-up Voltage /Auto Restart Voltage	120-140 VAC/180 VAC
Acceptable Input Voltage Range	90-280 VAC
Frequency Range	50 Hz/60 Hz(Auto sensing)
Maximum AC Input Current	40A
Maximum DC Voltage	520Vdc
MPPT Voltage Range	50Vdc-450Vdc
Number of MPPT Trackers/Maximum Input Current	2/18A+18A
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	93%
Maximum DC Voltage	520Vdc
Start-up Voltage/Initial Feeding Voltage	90Vdc/120Vdc
MPPT Voltage Range	50Vdc-450Vdc
Number of MPPT Trackers/Maximum Input Current	2/18A+18A
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	184-264.5 VAC or 195.5-253 VAC or 184-264.4 VAC(Selectable)
Nominal Output Current	26.1A
AC Start-up Voltage/Auto Restart Voltage	120-140 VAC/180 VAC
Acceptable Input Voltage Range	90-280VAC or 170-280 VAC
Maximum AC Input Current	40A
Nominal Output Voltage	220/230/240VAC
Efficiency (DC to AC)	93%
Nominal DC Voltage	48Vdc
Maximum Solar Charging Current	135A
Maximum AC Charging Current	135A
Maximum Charging Current	135A
Dimension, D x W x H(mm)	521x470x244
Net Weight (kg)	30
Parallel Function	Yes, 6 units
Communication Port	RS232/RS485/CAN/WiFi/Dry contact
Humidity	5% to 95% Relative Humidity(Non-condensing)
IP degree	IP65
Operating Temperature	-10℃~50℃
Storage Temperature	-15℃~60℃