



## MPI-3000 HYBRID 3K

## MPI-10000 HYBRID 10K

Rated Power		
Continuous Output	3,000W	10,000W
PV Input Rating (GRID-TIE)		
Max PV Input Power	4500W	14850W
Max PV Input Voltage	500Vdc	900Vdc
Start-up / Initial Feeding Voltage	116 / 150Vdc	320 / 350 Vdc
PV MPPT Range	250 - 450Vdc	350 - 850 Vdc
Max PV Input Current	18A	18A x 2
MPPT Tracker	1	2
Max DC/AC Conversion Efficiency	>96%	>96%
AC Input		
Start-up / Auto Restart Voltage	120 - 140Vac / 180Vac	
Input Voltage Range	170 - 280Vac	
Nominal Frequency	50 / 60 Hz	
Max AC Input Power	5,100W	10,000W
Max AC Input Current	30A	25A
AC Output		
Nominal AC Output Voltage	208/220/230/240Vac	230Vac (P-N) / 400Vac (P-P)
Output Voltage Range	184 - 265Vac	184 - 265Vac (P-N) / 318 - 460Vac (P-P)
Output Frequency (GRID-TIE)	47.5 - 51.5Hz / 59.3 - 60.5 Hz	
Output Frequency (OFF-GRID)	50 / 60Hz, auto-sensing	
Output Waveform	Pure Sine Wave	
Max Output Power (via grid relay)	5,100W	10,000W
Max Output Power (battery mode)	3,000W	10,000W
Max Efficiency	>93%	>91%
Battery Charger		
Nominal DC Voltage	48Vdc	
Max Charging Current	25A	200A
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS		
Communication Port	RS232 / USB	
Certifications	EN62109-1, EN62109-2, EN62040-1 / CE VDE4105, VDE0126-1-1 AS4777/3100 (3K only)	
Operating Temp.	0 - 40°C	-10 - 50°C
Operating Humidity	0 - 90% RH (No condensing)	
Dimension	480*438*107mm	622*500*167mm
Net Weight	16Kg	45Kg

\*Product specifications are subject to change without prior notice. MPP Solar is a registered trademark of MPP Solar Inc.