

Single Phase
2MPPTs

HPS

3-6.5K

EVERYTHING⁺

ENERGIZING FUTURE

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Peak Efficiency

98 %



Max. DC Overload

40 %



Aluminum Alloy
Die Casting



MES + FCT + CRM
Infrastructure



Easy to
Install and Service



MODEL/with DC switch	HPS-3000L	HPS-3680	HPS-4000	HPS-5000	HPS-6000	HPS-6500
INPUT / DC						
Max. PV Power / Wp	5152		6160	7000	7800	8125
Max. Input Voltage / V	600					
MPP Voltage Range / V	80-520				80-550	
Start Up Voltage / V	70					
Nominal DC-Input Voltage / V	360					
Max. Input Current / A	12/12					
Max. DC Short Circuit Current / A	15/15					
No. of Independent MPPT Inputs	2					
No. of PV Strings per MPPT	1					
OUTPUT / AC						
Rated Active Power / W	3000	3680	4000	5000	6000	6500
Rated/Max. Apparent AC Power / VA	3300	3680	4400	5000	6000	6600
Rated Grid Voltage / Vac	220/230/240					
Grid Connection	L-N-PE					
Rated Power Frequency / Hz	50/60					
Max. Output Current / A	15	16	20	23	27.3	29.6
Power Factor	0.8ind to 0.8cap					
THDi @ Rated Power	<3%					
EFFICIENCY						
Max. Efficiency	97.8%	97.9%			98.0%	
Euro. Efficiency	97.3%	97.4%			97.5%	
PROTECTION FUNCTION						
Anti-Islanding Protection	Integrated					
Input Reverse Polarity Protection	Integrated					
Insulation Resistance Detection	Integrated					
Residual Current Monitoring	Integrated					
Output Over Current Protection	Integrated					
Output Short Circuit Protection	Integrated					
Over Voltage Protection	Integrated					
Surge Protection	Integrated (optional)					
GENERAL DATA						
Dimensions (W*H*D) / mm	395*328*154					
Weight / kg	9.8				10	
Noise Emission (Typical) / dB(A)	<20					
User Interface	LCD&LED or LED					
DC Connection Type	MC4 (SUNCLIX, H4 optional)					
AC Connection Type	Plug-in Connector					
Communication	RS485/WiFi/GPRS (optional)					
Cooling Method	Natural Cooling					
Operating Ambient Temperature / °C	-25 ~ +60					
Relative Humidity	0% to 100%					
Max. Operating Altitude / m	3000 (>3000 Derating)					
Protection Class (IEC 60529)	IP65					
Climatic Category (IEC 60721-3-4)	4K4H					
Topology	Transformerless					
Night Consumption / W	<1					

Made In China