

PSiO6000W#600VPVKR

Features:



Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



Max. PV Voltage up to 1100V
Type II DC /AC SPD



DC/AC Ratio up to 1.5
IP65 Protection



High Efficiency up to 98.7%
Reactive Power Control



Technical Specifications

MODEL	PSiO6000W#600VPVKR
Input(DC)	
Max. remonmmended PV power	8100W
Max. DC Voltage	600V
Nominal Voltage	380V
Start Voltage	100V
MPPT Voltage Range	80V-560V
Number of MPPT	2
Strings Per MPPT	1
Max. Input Current Per MPPT	15A
Max. Short-circuit Current Per MPPT	18A
Output(AC)	
Nominal AC Output Power	6000W
Max. AC Output Power	6000VA
Nominal AC Voltage	230V L-N
AC Grid Frequency Range	50Hz / 60Hz±5Hz
Max. Output Current	26A
Power Factor(Φ)	0.8 leading ~ 0.8 lagging
THDi	3%
Efficiency	
Max. Efficiency	98.3%
Euro Efficiency	97.9%
Protection Devices	
DC Switch	Yes
Output Over Current Protection	Yes
Anti-islanding Protection	Yes
DC Reverse Polarity Protection	Yes
String Fault Detection	Yes
DC/AC Surge Protection	DC Type II;AC Type III
Residual Current Monitoring	Yes
AC Short Circuit Protection	Yes
General Specifications	
Dimensions W x H x D	380X380X150
Weight	11kg
Operating Temperature Range	-25°C~+60°C
Cooling Type	Natural
Max. Operating Altitude	4000m
Max. Operating Humidity	0-100%
AC Output Terminal Type	Quick connector
IP Class	IP65
Topology	Transformer-less
Communication	RS485/Wifi/4G
Display	LED