PSiO20000W3#1100VPVKR

Features:

- Compatable 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
  IP66 Protection
- High Efficiency up to 98.7%
  Reactive Power Control

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Technical Specifications

MODEL	PSiO20000W3#1100VPVKR
Input(DC)	
Max. remonmmended PV power	30000W
Max. DC Voltage	1100V
Nominal Voltage	600V
Start Voltage	180V
MPPT Voltage Range	140 V~1,000V
Number of MPPT	2
Strings Per MPPT	2
Max. Input Current Per MPPT	30A
Max. Short-circuit Current Per MPPT	50A
Output(AC)	
Nominal AC Output Power	20000W
Max. AC Output Power	22000VA
Nominal AC Voltage	400V 3L+N
AC Grid Frequency Range	50 / 60Hz(±5Hz)
Max. Output Current	31.9A
Power Factor(Φ)	0.8 leading ~ 0.8 lagging
THDi	3%
Efficiency	
Max. Efficiency	98.6%
Euro Efficiency	98.3%
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	Type III
Residual Current Monitoring	Yes
AC Short Circuit Protection	Yes
General Specifications	
Dimensions W x H x D	380x483x193
Weight	<25
Operating Temperature Range	–25℃~+60℃
Cooling Type	Fan cooling
Max. Operating Altitude	4000m
Max. Operating Humidity	0-100%(No condensation)
AC Output Terminal Type	Connector
IP Class	IP65
Topology	Transformer-less
Communication	RS485/Wifi/4G
Display	LED
Certification & Standard	EN/IEC62109-1;EN/IEC62109-2;IEC/EN61000-6-2;IEC/EN61000-6-4;IEC/EN61000-3-11;IEC/EN61000-3-12; IEC61683;IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;EN50549-2