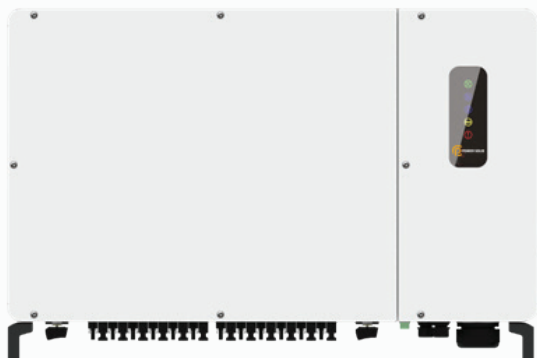


PSiO120000W3#1100VPVKR

Features:



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



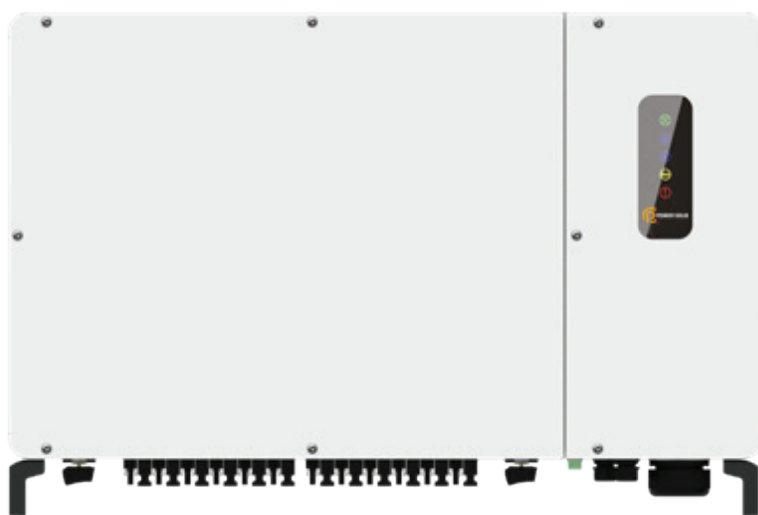
Max. PV Voltage up to 1100V
Type II DC /AC SPD



DC/AC Ratio up to 1.5
IP65 Protection



High Efficiency up to 98.7%
Reactive Power Control



THE CROWN OF POWER SOLUTION

Technical Specifications

MODEL	PSiO120000W3#1100VPVKKR
Input(DC)	
Max. DC Voltage	1100V
Nominal Voltage	620V
Start Voltage	250V
MPPT Voltage Range	200 V~1,000V
Number of MPPT	10
Strings Per MPPT	2
Max. Input Current Per MPPT	30A
Max. Short-circuit Current Per MPPT	50A
Output(AC)	
Nominal AC Output Power	120kW@30°C/110kW@40°C/100kW@50°C
Max. AC Output Power	121kVA
Nominal AC Voltage	400V 3W+N+PE
AC Grid Frequency Range	50Hz / 60Hz(±5Hz)
Max. Output Current	174.6A Per Phase
Power Factor(Φ)	0.8leading-0.8lagging
THDi	3%
Efficiency	
Max. Efficiency	98.7%
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 II
Residual Current Monitoring	Yes
AC Short Circuit Protection	Yes
General Specifications	
Dimensions W x H x D	1055*700*336mm
Weight	93kg
Operating Temperature Range	-25°C~+60°C
Cooling Type	Fan Cooling
Max. Operating Altitude	4000m
Max. Operating Humidity	0-100%(No Condensation)
AC Output Terminal Type	OT Terminal
IP Class	IP65
Topology	Transformer-less
Communication	RS485/Wifi/4G
Display	LED/Bluetooth+APP