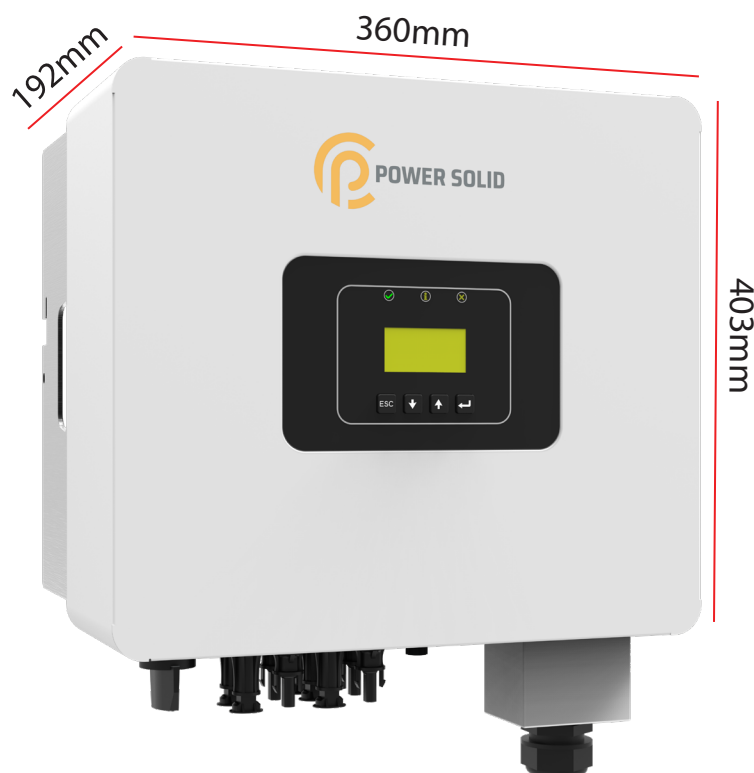


PSiO12KW3#1100VPVI

Features:

- >> LED display, touch button design, direct data view
- >> Maximum efficiency 98.2%, dual MPPT, more power generation
- >> Photovoltaic input up to 1100V
- >> 14A string current, suitable for high current high efficiency module applications
- >> 150% DC over configuration, 110% AC overload output
- >> Intelligent fan cooling
- >> Highly protective design of the shell, resistant to heat and corrosion, 25 years without rusting
- >> Intelligent remote monitoring
- >> Support anti-backflow function



Technical Specifications

Technical Data	PSiO12KW3#1100VPVI
Input Data	
Max. PV access power	24KW
Max. PV input power	15.6KW
Max. PV input voltage	1100V
Operation voltage range	200V-1000V
Number of independent MPPT/ strings per MPPT	2/1
	20A/20A
AC Output Data	
Rated output power	12KW
Max. output power	13.2W
Rated output voltage	4000V/ 320V-480V
Rated output frequency	50Hz/60Hz
Rated output current	17.5 A
Max. output current	19 A
Power factor	-0.8~+0.8(adjustable)
THDi	<3%(Nominal Output)
Grid system pattern	3W+N+PE
Efficiency	
Max. efficiency	98.2%
Europe efficiency	98
Protection	
Input DC switch	Yes
Input over current protection	Yes
DC reverse polarity protection	Yes
Output over voltage protection	Yes
Output over current protection	Yes
Anti islanding protection	Yes
Insulation impedance protection	Yes
RCD detection	Yes
General Data	
Dimensions (L/W/H) in mm	403/192/360
Weight	15kg
Noise	<30dB
Operation temperature range	-25°C ~+60°C
Heat dissipation mode	Natural
IP Class	IP65
Maximum altitude	4000m
Self-Consumption night	<1w
Topology	Transformerless
Features	
LCD display	Yes
Communication interface	WIFI/4G/GPRS/RS485(optional)