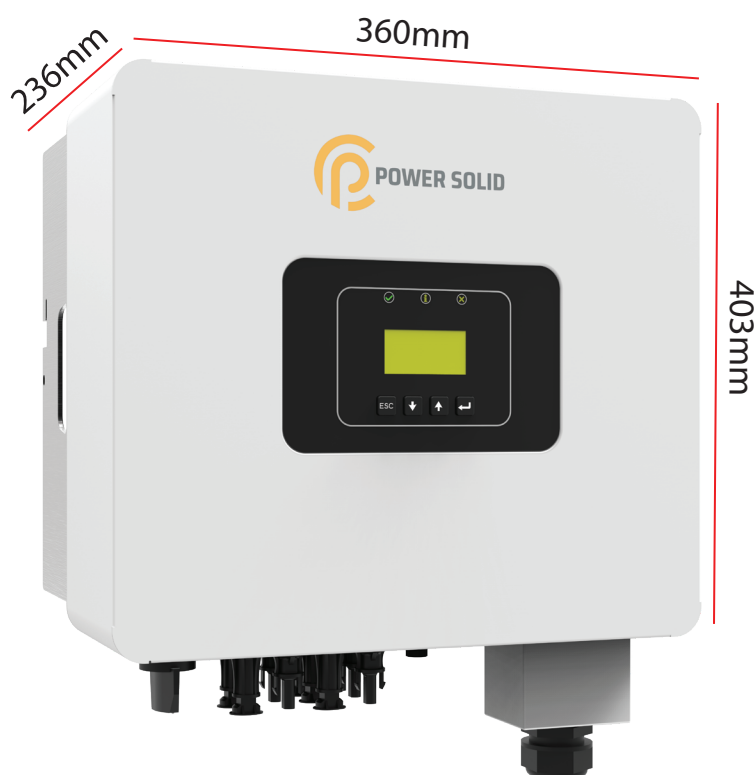


PSiO20KW3#1100VPVI

Features:

- >> LED display, touch button design, direct data view
- >> Maximum efficiency 97.6%, more power generation
- >> Dual MPPT, support for parallel connection for greater adaptability
- >> 130% DC over configuration, 110% AC overload output; Wide DC voltage range
- >> IP65 protection, built-in SPD protection for safety and reliability
- >> Intelligent remote monitoring
- >> Support anti-backflow function



Technical Specifications

Technical Data	PSiO20KW3#1100VPVI
Input Data	
Max. PV access power	40000W
Max. PV input power	26000W
Max. PV input voltage	1100V
Operation voltage range	200V-1000V
Number of independent MPPT/ strings per MPPT	2/2/+2
	30A/30A
AC Output Data	
Rated output power	20000W
Max. output power	22000W
Rated output voltage	4000V/ 320V-480V
Rated output frequency	50Hz/60Hz
Rated output current	29 A
Max. output current	32 A
Power factor	-0.8~+0.8(adjustable)
THDi	<3%(Nominal Output)
Grid system pattern	3W+N+PE
Efficiency	
Max. efficiency	98.5%
Europe efficiency	98.2%
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	403/236/360
Weight	18.5kg
Noise	<30dB
Operation temperature range	-25°C ~+60°C
Heat dissipation mode	Smart cooling
IP Class	IP65
Maximum altitude	4000m
Self-Consumption night	<1w
Topology	Transformerless
Features	
LCD display	Yes
Communication interface	WIFI/4G/GPRS/RS485(optional)