PV-5000W-V SINGLE PHASE PV INVERTER





PrimeVOLT

Single and three phase string inverters are designed for residential and commercial application. By using the advanced digital control algorithm, the efficiency of MPPT is >99.9%. The high speed MPPT tracker could detect the configuration of the panel strings automatically (Strings in parallel or independent) and using the proper control method to gain the Maximum harvest of the solar power).

Die-casting

Enclosure not only provides the reliable Ingress Protection (IP65) but also excellent cooling system for the thermal.

Transformerless (TL)

With **Three-Level Technology design** provides the highest conversion efficiency. Elegant and tidy design provides the smallest size with lightest

efficiency. Elegant and tidy design provides the smallest size with lightest weight which is friendly for installation and maintenance.

Various communication interface options

Including RS-485, Enthernet and Wi-Fi could fulfill different needs to connect with cloud system as prefect total solution of monitoring.

Highlights

- MEA Certificate
- VDE-AR-N 4105 & VDE 0126-1-1/A1
- 97.2% Max. Conversion Efficiency
- Integrated DC Swich, Data Logger, Web Server
- RCR (Ripple Control Receiver, German model)
- Ethernet and Optional Wi-Fi
- Die-cast Enclosure
- Cloud Web Portal
- Graphic Icon Display
- Optimized for 6 Inch Solar Cell Module
- Made In TAIWAN

SINGLE PHASE SOLAR INVERTERS PV-5000W-V



INPUT(ICC)MPPT Range (full load)100-580 VMPPT Range (full load)200-500 VStart-Up Voltage150 VMax. Voltage600 S0 VMax. Voltage9Ax 2Max. Current (Isc)9Ax 2Max. Short Circuit Current (Isc)600 WMPPT Range (Max. Surrent (Isc)600 WOUTPUT (AC600 WOUTPUT (AC600 WNominal Power2020/20/20 H/2Nominal Voltage / Frequency2020/20/20 H/2Max. Current2020/20/20 H/2Max. Edificitiey2010 S00 WMax. Edificitiey2010 S00 WStart (Isc)2020/20/20 H/2Max. Edificitiey2020/20/20 H/2Euro-Eta2010 S00 WStart (Isc)2010 S00 WStart (Isc)2010 S00 WStart (Isc)2010 S00 WStart (Isc)2020/20/20 H/2Start (Isc)2010 S00 WStart (Isc)300 WStart (Isc)300 WStart (Isc)300 WStart (Isc)300 WStart (Isc)<	SPECIFICATIONS	PV-5000W-V
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Max. Short Circuit Current (isc)15 A × 2MPP Tracker No.Image: Constant Consta	Max. Voltage	580 V
MPP Tracker No.Image: Contract State Stat	Max. Current	9 A x 2
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	EMCImmunity	



