

Photovoltaic Inverter : *All-In-One 4.4MW Solution*

Perfect Power Conditioning Partner

For your Photovoltaic System



All-In-One 4.4MW Solution

- 5MVA/ 4.4MW wanted board integral inverter configuration
 - **Insulation structure** by inverter, single system
 - High power quality & Minimize Noise & High efficiency and reliability & The probability of failure is relatively **low**
 - **15% reduction** in installation area, shortening construction period, and reducing wiring cost
 - **20MW/1MD/1day** (PLASPO) Vs. **5MW/1MD/1day** (Competitor)

Model	All-In-One 4.4MW Solution
Input (DC)	
Max. DC Power [kW]	2310
Max. DC Voltage [V]	1500
Max. DC Current [A]	2567
MPPT Voltage Range [Vdc]	900 ~ 1300
Max. DC Fuse (Option)	15 (400A)
No. of DC Inputs	15
Output (AC)	
Rated AC Power [kW]	2200
AC Voltage Range [V]	600 ± 10%
Max. AC Current [A]	2117
Frequency [Hz]	60
Current Harmonic [%]	Total<5 / Each<3
Power Factor	≥0.99
Grid Structure	3P3W (IT, TT)
General Data	
Max. Efficiency [%]	98.88(IP54) & 98.90(IP65)
Euro. Efficiency [%]	98.74(IP54) & 98.79(IP65)
Cooling Principle	Forced Air Cooling
Operating Temperature [°C]	- 20 ~ + 50°C
Dimensions (W/D/H) [mm]	9320 * 3200 * 3080
Weight [kg]	26000
IP Level	IP54 & IP65
Communication	Ethernet (TCP/IP), CAN, RS-232/485
Protection	OV, UV, OFR, OC, SC, etc.
Standard	KS C 8565 : 2016 / EMC EN61000-6-2 / EN61000-6-4