

Photovoltaic Inverter : **PLAVIX-500KH1**

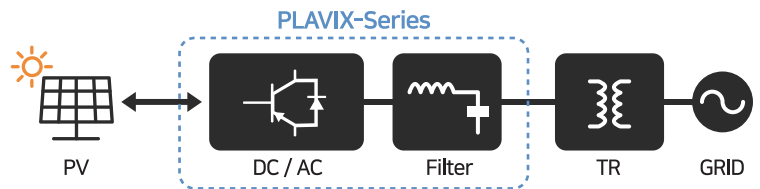
Perfect Power Conditioning Partner

For your Photovoltaic System



PLAVIX-500KH1

- Modular Power Block
- High reliability based on 20+ years of design
- Efficiency 98% (latest IGBT application)
- Low THD (the latest control technology)
- FRT /Invalid power control
- Ensure high-performance power quality
- Applying communication protocol over various interfaces
- Simple and clear 7-inch screen HMI



Model	PLAVIX-500KH1	
Input (DC)		
Max. DC Power [kW]	525	
Max. DC Voltage [V]	1000	1500
Max. DC Current [A]	905	600
MPPT Voltage Range [Vdc]	580 ~ 850	875 ~ 1300
Max. DC Fuse (Option)	6 (250A, Only IP54)	6 (250A)
No. of DC Inputs	6	6
Output (AC)		
Rated AC Power [kW]	500	
AC Voltage Range [V]	380 ± 10%	550 ± 10%
Max. AC Current [A]	760	525
Frequency [Hz]	60	
Current Harmonic [%]	Total < 5 / Each < 3	
Power Factor	≥ 0.99	
Grid Structure	3P3W (IT, TT)	
General Data		
Max. Efficiency [%]	98.68	98.85
Euro. Efficiency [%]	98.49	98.50
Cooling Principle	Forced Air Cooling	
Operating Temperature [°C]	-20 ~ +50°C	
Dimensions (W/D/H) [mm]	1800 * 1020 * 2400	
Weight [kg]	1600	
IP Level	IP54	IP54
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	