

# Photovoltaic Inverter : **PLAVIX-1MH1**

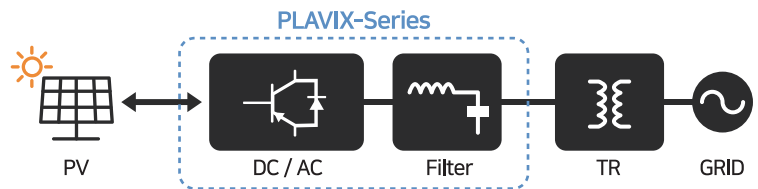
*Perfect Power Conditioning Partner*

*For your Photovoltaic System*



**PLAVIX-1MH1**

- 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-1MH1	
<b>Input (DC)</b>		
Max. DC Power [kW]	1050	
Max. DC Voltage [V]	1000	1500
Max. DC Current [A]	1600	1200
MPPT Voltage Range [Vdc]	580 ~ 850	875 ~ 1300
Max. DC Fuse (Option)	10 (250A, Only IP54)	10 (250A)
No. of DC Inputs	10	10
<b>Output (AC)</b>		
Rated AC Power [kW]	1000	
AC Voltage Range [V]	415±10%	550±10%
Max. AC Current [A]	1519	1050
Frequency [Hz]	60	
Current Harmonic [%]	Total<5 / Each<3	
Power Factor	≥0.99	
Grid Structure	3P3W (IT,TT)	
<b>General Data</b>		
Max. Efficiency [%]	98.64	98.96
Euro. Efficiency [%]	98.46	98.47
Cooling Principle	Forced Air Cooling	
Operating Temperature [°C]	-20 ~ +50°C	
Dimensions (W/D/H) [mm]	2400 * 1020 * 2400	
Weight [kg]	2200	
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	