

Photovoltaic Inverter : **PLAVIX-1M & PLAVIX-1MH1**

Perfect Power Conditioning Partner

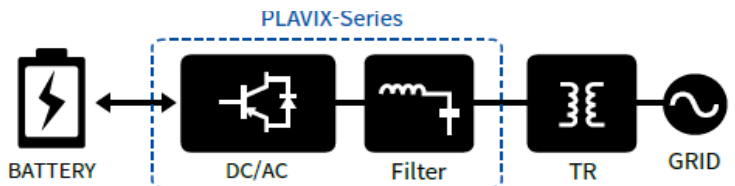
for your Photovoltaic System



PLAVIX-1M

PLAVIX-1MH1

- Modular Power Block
- 20년 이상의 수명설계에 따른 높은 신뢰성
- Efficiency 98% (최신 IGBT적용)
- 낮은 THD (최신 제어기술 적용)
- FRT / 무효전력제어
- 고성능 전력품질 보장
- 다양한 인터페이스를 통한 통신 Protocol 적용
- 간결하고 명확한 7인치 화면의 HMI



Model	PLAVIX-1M	PLAVIX-1MH1
Input (DC)		
Max. DC Power [kW]	525	
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	IP21 : 4 / IP54 : 10	10
Output (AC)		
Rated AC Power [kW]	500	1000
AC Voltage Range [V]	415±12%	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)	
General Data		
Max. Efficiency [%]	98.64	98.96
Euro. Efficiency [%]	98.46	98.47
Cooling Principle	Forced Air Cooling	
Operating Temperature [°C]	IP21 : -10°C ~ +40°C / IP54 : -20°C ~ +50°C	
Dimensions (W/D/H) [mm]	IP21 : 2400 * 900 * 2040 IP54 : 2400 * 1020 * 2400	2400 * 1020 * 2400
Weight [kg]	IP21 : 2000 / IP54 : 2200	2200
IP Level	IP21 / 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	