



GINLONG TECHNOLOGIES CO.,LTD.

Solis-EPM-5G

Solis Export Power Manager

Smart & strong

- Simultaneous control of 20 X Solis inverters
- Realizing reactive compensation of the system

Saving & high precision

- Simultaneously monitor the operating data of the 20 X Solis inverter, saving the cost of the monitoring system
- The control accuracy is up to 1%, which improves the system's spontaneous use rate

Friendly & compatible

- Supports simultaneous access of Solis inverters with different powers
- Monitor power generation and load consumption at all times

Models:

Solis-EPM1-5G

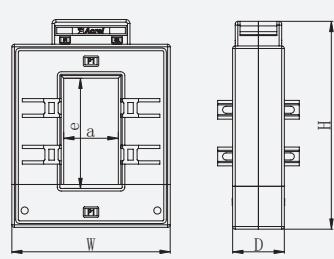
Solis-EPM3-5G-PLUS

Solis-EPM3-5G-PRO



DATASHEET

Solis-EPM-5G

Models	Solis-EPM1-5G	Solis-EPM3-5G-PLUS	Solis-EPM3-5G-PRO				
Input AC							
Rated voltage	1/N/PE, 230 V	3/(N)/PE, 400 V; 3/PE, 480 V	1/N/PE, 230 V; 3/(N)/PE, 400 V; 3/PE, 480 V				
Input voltage range	100 ~ 300 V (L-N)	175 ~ 494 V (L-L)	100 ~ 300 V (L-N); 175 ~ 494 V (L-L)				
Input frequency range		45 ~ 65 Hz					
Communication							
Inverter communication		Modbus					
Communication with inverter		RS485 (Wired)					
Max. communication inverter numbers	20	20 (Recommended)	20 (Recommended)				
Monitoring	WiFi / 4G / LAN Stick (Optional)	WiFi / LAN (Integrated)	WiFi / 4G / LAN Stick (Optional)				
General Data							
Operating ambient temperature range		-25 ~ +60°C					
Relative humidity		5% ~ 95%					
Max. operation altitude		2000 m					
Ingress protection		IP65					
Pollution degree		PD2 (Inside), PD3 (Outside)					
Overvoltage category		III					
Self-consumption	< 6 W	< 15 W	< 6 W				
Dimensions (W × H × D)	364 × 276 × 114 mm	488 × 446 × 149 mm	364 × 276 × 114 mm				
Weight	2.1 kg (without CT, Meter)	5.4 kg (without CT)	2.1 kg (without CT, Meter)				
AC connection		Quick connection terminal					
Display		LCD					
Smart meter	No	Three phase: DTSD1352-C (Integrated)	Split phase: AGF-AE-D Three phase: ADL3000-E-B				
CT connection		Plug terminal					
CT specification	Single phase: Standard (100 / 5 A or 300 / 5 A)	Three phase: Optional (Secondary current is 5 A)	Split phase: Standard (200 / 40 mA) Three phase: Optional (Secondary current is 5 A)				
Power control accuracy		1%Pn					
Features							
Failsafe function		Yes					
Remote upgrade		Yes					
CT specification							
	Specification	Dimensions (mm)			Ratio		
		W	H	D			
	CT-30×20-100 A	90	114	40	22	32	100:5 A
	CT-60×40-300 A	114	140	36	42	62	300:5 A
	CT-80×40-600 A	122	162	40	42	82	600:5 A
	CT-80×40-1000 A	122	162	40	42	82	1000:5 A
	CT-160×80-2000 A	184	254	52	82	162	2000:5 A
	CT-160×80-3000 A	184	254	52	82	162	3000:5 A