

Solis-EPM3-5G-PRO

Solis Export Power Manager

Smart & strong

- Simultaneous control of 20 X Solis inverters

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-EPM3-5G-PRO

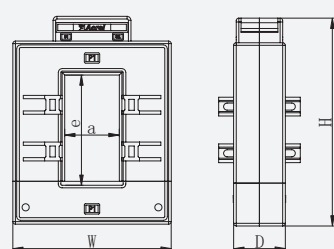


360° View



DATASHEET

Solis-EPM3-5G-PRO

Models	Solis-EPM3-5G-PRO						
Input AC							
Rated voltage	1Φ/PE, 240 V; 3Φ/PE, 480 V						
Input voltage range	100 ~ 300 V (L-N); 175 ~ 519 V (L-L)						
Input frequency range	45 ~ 65 Hz						
Communication							
Inverter communication	Modbus						
Communication with inverter	RS485 (Wired)						
Max. communication inverter numbers	20 pcs						
Monitoring	WiFi / 4G / LAN Stick (Optional)						
General Data							
Operating ambient temperature range	-13°F to 140°F (-25°C to 60°C)						
Relative humidity	5% ~ 95%						
Max. operation altitude	2000 m						
Ingress protection	Type 4X						
Pollution degree	PD2 (Inside), PD3 (Outside)						
Overvoltage category	III						
Self-consumption	< 6 W						
Dimensions (W × H × D)	364 × 276 × 114 mm						
Weight	2.7 kg (without CT, Meter)						
AC connection	Quick connection terminal						
Display	LCD						
Smart meter	Split phase: AGF-AE-D ⁽¹⁾ ; Three phase: ADL3000-E-B ⁽²⁾						
CT connection	Plug terminal						
CT specification	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 ⁽²⁾							
	Specification	Dimensions (mm)			Hole size (mm)		Ratio
		W	H	D	a	e	
	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

(1) For AGF-AE-D, 2 CTs(200/40mA) will be provided by default.

(2) For ADL3000-E-B, CTs should be ordered separately.

(3) Inverters may need a communication adapter to connect the EPM, please consult a sales representative before placing an order.