

## Solis-EPM3-5G-PRO

# 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-EPM3-5G-PRO

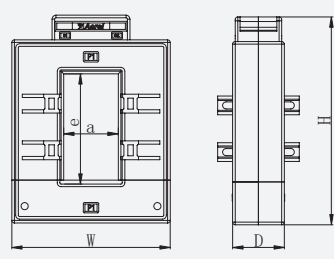


360° View



# DATASHEET

# Solis-EPM3-5G-PRO

<b>Models</b>		<b>Solis-EPM3-5G-PRO</b>					
<b>Input AC</b>							
Rated voltage	1Φ/PE, 240 V; 3Φ/PE, 480 V						
Input voltage range	100 ~ 300 V (L-N); 175 ~ 494 V (L-L)						
Input frequency range	45~65 Hz						
<b>Communication</b>							
Inverter communication	Modbus						
Communication with inverter	RS485 (Wired)						
Max. communication inverter numbers	20 pcs						
Monitoring	WiFi/4G/LAN Stick (Optional)						
<b>General Data</b>							
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	2.1 kg (without CT, Meter)						
AC connection	Quick connection terminal						
Display	LCD						
Smart meter	Split phase: AGF-AE-D; Three phase: ADL3000-E-B						
CT connection	Plug terminal						
CT specification	Split phase: Standard(200/5 A); Three phase: Optional(Secondary current is 5 A)						
Power control accuracy	1%Pn						
<b>Features</b>							
Failsafe function	Yes						
Remote upgrade	Yes						
Control time	5 s						
<b>CT specification</b>							
	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	