

Solis-EPM-5G

Accessories - Solis Export Power Manager

>> Models:

Solis-EPM1-5G

Solis-EPM3-5G

Solis-EPM3-5G-PRO



360° View



Smart & strong

- Simultaneous control of 60 X Solis inverters
- Realizing reactive compensation of the system

Saving & high precision

- Simultaneously monitor the operating data of the 60 X Solis inverter, saving the cost of the monitoring system
- The control accuracy is up to 3%, 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

DATASHEET

Solis-EPM-5G

Models

Solis-EPM1-5G
Solis-EPM3-5G
Solis-EPM3-5G-PRO

Input AC

Rated voltage	1Φ/PE, 240 V / 208 V	3Φ/PE, 480 V
Input voltage range	100 ~ 300 V (L-L)	175 ~ 650 V (L-L)
Input frequency range	45-65 Hz	

Communication

Inverter communication	Modbus	
Communication with inverter	RS485 (Wired)	
Max. communication inverter numbers	10	60 ⁽¹⁾
Max. communication distance	1000 m	
Monitoring	WiFi/4G/LAN Stick (Optional)	

General Data

Ambient temperature	-13°F to 140°F (-25°C ~ +60°C)	
Relative humidity	5%~95%	
Ingress protection	TYPE 4X	
Self-consumption	<5 W	
Dimensions (W*H*D)	14.3*10.9*4.5 in (364*276*114 mm)	
Weight	4.6 lbs (2.1 kgs) (Without CT, Meter)	
AC connection	Quick connection terminal	
Display	LCD	
Smart meter	No	Yes
CT connection	Plug terminal	
CT specification	Optional (Secondary current is 5A)	

Features

Failsafe function	Yes	
Remote upgraded	Yes	
PF adjustment	No	Yes
Control time	5 s	

CT specification

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) The installed capacity of the inverter cannot exceed 5MW.