

## Solis-EPM-5G

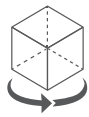
Accessories - Solis Export Power Manager

### >> 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, which ensure the power factor of the system is up to standard

### 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	230 V, 1/N/PE	400 V, 3/N/PE or 3/PE
Input voltage range	100~ 300 V (L-N)	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 <sup>(1)</sup>
Max. communication distance	1000 m	
Monitoring	S3-GPRS-ST/ S3-WIFI-ST (optional)	

### General Data

Ambient temperature	-25 ~ +60°C	
Relative humidity	5%~95%	
Ingress protection	IP65	
Self-consumption	<5 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	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.