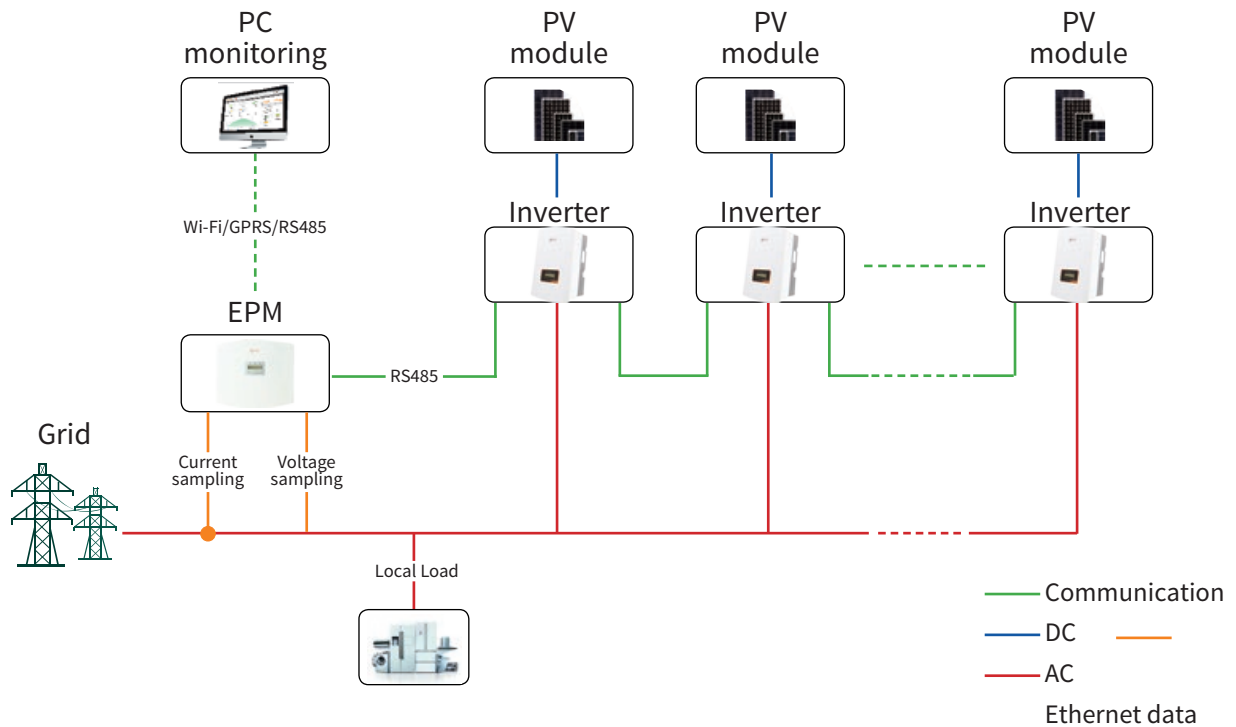


# Accessories

## Solis Export Power Manager

### Solis Export Power Manager



#### Smart & strong

- ▶ Simultaneous control of 80 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 80 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

Model Name	Solis-EPM1-5G	Solis-EPM3-5G	Solis-EPM3-5G-PLUS
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### Input AC

Rated voltage	230V, 1/N/PE	400V, 3/N/PE or 3/PE	400V, 3/N/PE
Input voltage range	L to N: 100~277 V		L to L: 320~480V
Input frequency range	45~65Hz		
Input current	5A		

### Communication

Inverter communication	Modbus RS485		
Communication interface	RS485*2		RS485*2, LAN*1
Maximum communication inverter numbers	10	10	80(1)
Maximum communication distance	1000 m		
Monitoring	Wi-Fi stick or GPRS stick for single inverter connection Wi-Fi box or GPRS box for 2~10 inverters connection		Wi-Fi box (Built in)

### General Data

Ambient temperature	-25 ~ +60°C		
Relative humidity	5%~95%		
Ingress protection	IP65		
Self consumption	<5W		<15W
Dimensions (W*H*D)	364*276*114 mm		488*446*149 mm
Weight	2.1kg		5.4kg
AC connection	Quick connection terminal		
CT connection	Plug terminal		
Display	LCD, 2*20 Z		

### Features

Failsafe function	Yes		
Remote upgraded	Yes		
CT specification	Optional (1 for single phase, 3 for Three phase)		
Control time	5 s		
Power Accuracy	3%		

### CT specification

Specification	Dimensions(mm)			Hole size(mm)		Ratio
	W	H	D	a	e	
CT-30×20-100A	90	114	40	22	32	100:5A
CT-60×40-300A	114	140	36	42	62	300:5A
CT-80×40-600A	122	162	40	42	82	600:5A
CT-80×40-1000A	122	162	40	42	82	1000:5A
CT-160×80-2000A	184	254	52	82	162	2000:5A
CT-160×80-3000A	184	254	52	82	162	3000:5A

