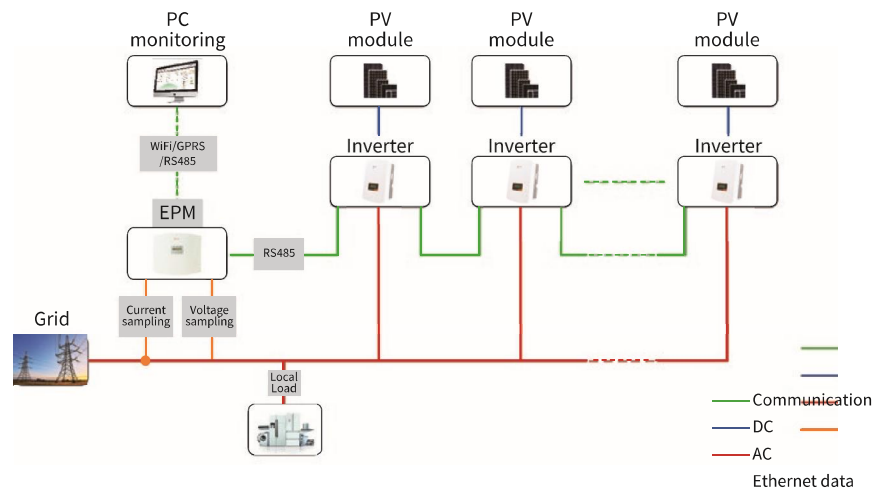


# Accessories

## Solis Export Power Manager

### Solis Export Power Manager



#### Smart & strong

- ▶ Simultaneous control of 80 X Solis inverters for limited power output of 8 MW systems
- ▶ 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 0.6%, which improves the system's spontaneous use rate

#### Friendly & compatible

- ▶ Support "Δ" and "Y" grid systems and single-phase grids to reduce system changes
- ▶ Supports simultaneous access of Solis inverters with different powers



### Datasheet

Model	Solis-EPM1-5G	Solis-EPM3-5G	Solis-EPM3-5G-PLUS
<b>Communication</b>			
Inverter communication	RS485		
Monitoring	WiFi/GPRS		
<b>Connections</b>			
Inverter connection	Single phase Ginlong inverters	Three phase Ginlong inverters	
Max. inverter number	10		80
Monitoring connection	WiFi stick or GPRS stick for single inverter connection WiFi box or GPRS box for 2-10 inverter connection		WiFi box or GPRS box (Built-in)
Grid connection	L/N+PE	3L/N+PE	3L/N+PE
<b>CT specification</b>			
CT connection	Plug terminal		
Recommended CT input current range	100A standard	600A standard	300A/500A/1000A/1500A/2000A/3000A (optional)
CT secondary current	200mA		5A
<b>Voltage supply</b>			
Totally RS485 cable length	1000 m		
Standard CT cable length	10 m		
<b>Voltage supply</b>			
Voltage supply	Grid		
Input voltage	L to N: 100~ 277 Vac, 50 / 60 Hz		
Power consumption	<5 W		<10 W
<b>Ambient conditions during operation</b>			
Ambient temperature	-25°C~60°C		
Degree of protection (according to EN IEC 60529)	IP65		
Maximum permissible value for relative humidity (non-condensing)	5% to 95%		
<b>General data</b>			
Dimensions (W*H*D)	364mm*276mm*114mm		488mm*445.8mm*149mm
Weight	2.1kg		5.35kg
Mounting location	Indoor and outdoor		
Deployment options	Wall mounting		
<b>Features</b>			
Operation	Via LCD		
Warranty	5 years		
Control time	5 s		40-60 s
Fail safe function and control time	Yes, 5 s		
Accuracy	0.03		
Remote upgrade	Support		