Accessories

Solis Export Power Manager

Solis Export Power Manager

- PC monitoring
- PV module
- PV module
- PV module
- WiFi/GPRS /RS485
- Inverter
- Inverter
- Inverter
- EPM
- RS485
- Grid
- Current sampling
- Voltage sampling
- Local Load

— Communication
— DC
— AC
Ethernet data
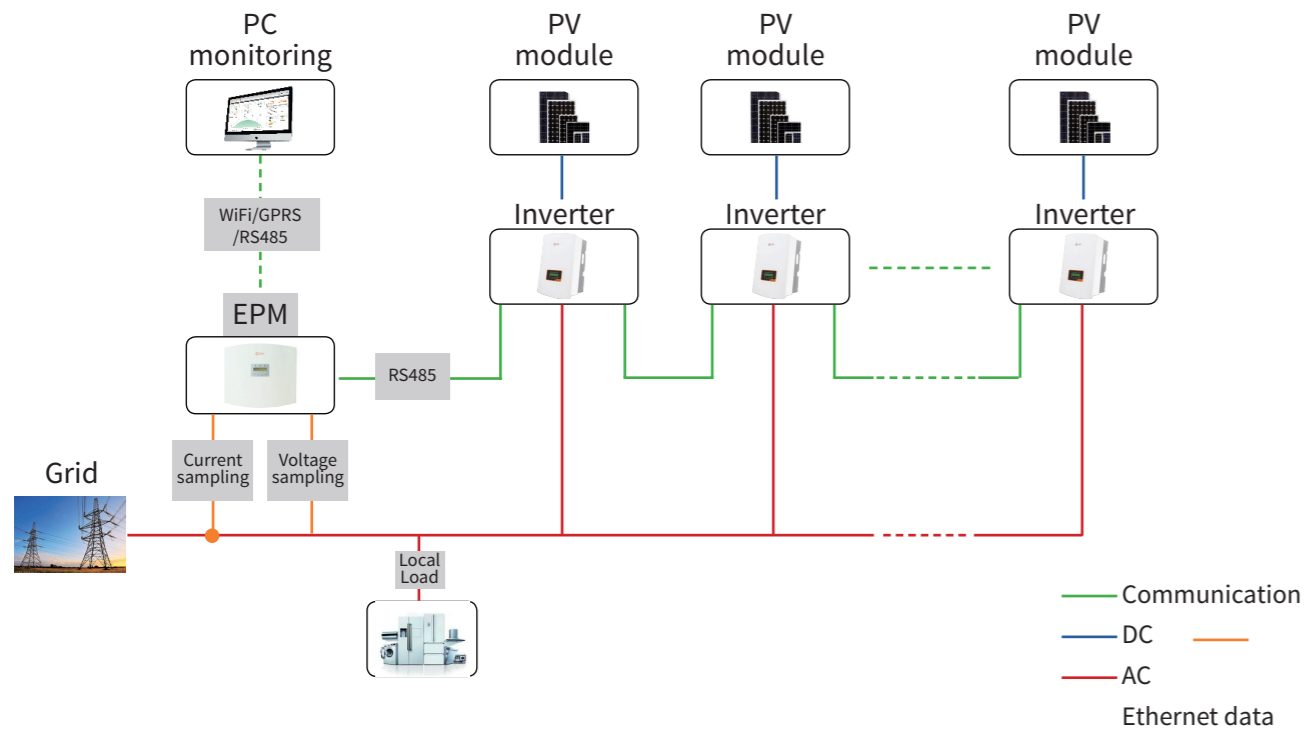
The control center for smart energy management
The Solis export power manager is the ideal solution for smart energy management for both residential and commercial systems.The unit allows you to adjust export values to satisfy local network regulatory requirements.
Energy management with the Solis export power manager allows for higher self-consumption and efficient use of the locally generated PV power.

Easy to Use
▶ Active power limitation and control at the grid-connection point
▶ Automatic, intelligent control of loads with up to 80 Ginlong inverters
▶ Easy commissioning with the PV System Setup Assistant
▶ Ginlong monitoring system

Flexible
▶ Several standardised meter interfaces
▶ Individual specifications for controllable appliances

Datasheet

Model Name	Solis-EPM1-5G	Solis-EPM3-5G	Solis-EPM3-5G-PLUS
Communication			
Inverter communication	RS485		
Monitoring	WiFi/GPRS		
Connections			
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 2-6 inverter connection		Wifi box or GPRS box (Built-in)
Grid connection	L/N/PE	3L/(N)+PE	3L/N+PE
CT specification			
CT connection	Plug terminal		
Recommended CT Input current range	100A standard	600A standard	300A/500A/1000A/1500A/2000A/3000A (optional)
CT Ratio	3000:1		3000:5
Max. range for communication			
Totally RS485 cable length	1000 m		
Standard CT cable length	10 m		
Voltage supply			
Voltage supply	Grid		
Input voltage	L to N: 100~ 277 Vac, 50 / 60 Hz		
Power consumption	<5W		<10W
Ambient conditions during operation			
Ambient temperature	-25°C to +60°C		
Degree of protection(according to EN IEC 60529)	IP65		
Maximum permissible value for relative humidity (non-condensing)	5 % to 95 %		
General data			
Dimensions (W / H / D)	364*276*114mm		488*445.8*149mm
Weight	2.1kg		5.35kg
Mounting location	Indoor and outdoor		
Deployment options	Wall mounting		
Features			
Operation	Via LCD		
Warranty	5 years		
Fail safe function and control time	Yes, 5 s		
Accuracy	0.03		
Remote upgrade	Support		