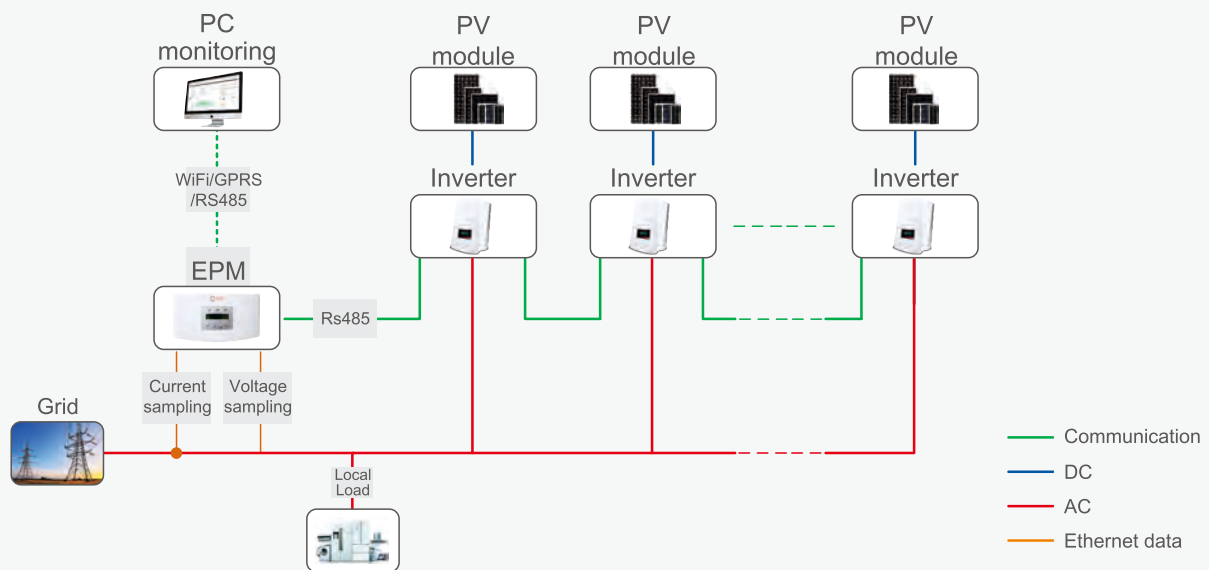


Export Power Manager

Ginlong Export Power Manager



The control center for smart energy management

The Ginlong export power manager is the ideal solution for smart energy management both for residential and commercial system. With the LCD user interface an overview of all important energy flows of inverter and load is provided.

PV energy can be used more efficiently, thereby significantly increasing self-consumption. Additionally, PV feed-in power is going to be limited in some country. 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 6 Ginlong inverters
- ▶ Easy commissioning with the PV System Setup Assistant
- ▶ Basic system monitoring via Ginlong monitoring system

Flexible

- ▶ Several standardized meter interfaces
- ▶ Individual specifications for controllable appliances



Datasheet

Model	Solis-EPM1-2G	Solis-EPM3-2G
Technical data	Export Device	
Communication		
Inverter communication	RS485	
Remote communication	WiFi/GPRS	
Connections		
Inverter connection	Single phase Ginlong inverters	Three phase Ginlong inverters
Max. inverter number	2 (must be the same model)	6 (must be the same model)
Monitoring connection	Wifi stick or GPRS stick for single inverter connection / Wifi box or GPRS box for 2-6 inverter connection	
Grid connection	L/N+PE	3L/N+PE
CT specification		
CT connection	RJ45 connector for single	RJ45 connector for three phase CT.
Size of CT through hole	16mm for single phase	35mm for three phase
Max. CT current	100A for single phase	600A for three phase
CT Ratio	3000:1	
Max. range for communication		
Totally RS485 cable length	200m	
Standard CT cable length	10m	
Voltage supply		
Voltage supply	Grid	
Input voltage	L to N: 100~ 277 Vac, 50 / 60 Hz	
Power consumption	<5 W	
Ambient conditions during operation		
Ambient temperature	-25°C ~ +60°C	
Degree of protection (according to EN IEC 60529)	IP65	
Maximum permissible value for relative humidity (non-condensing)	5 % ~ 95 %	
General data		
Dimensions (mm)	337W*150H*80D	
Weight	1.8kg	
Mounting location	Indoor and outdoor	
Deployment options	Wall mounting	
Features		
Operation	Via LCD	
Warranty	5 years	
control time	5 s	
Fail safe function and control time	Yes, 5 s	
Accuracy	0.03	
Remote upgrade	Support	
Accessory		
Current transformer	Single Phase	Three Phase
RS485 connector	2 for single phase	7 for three phase