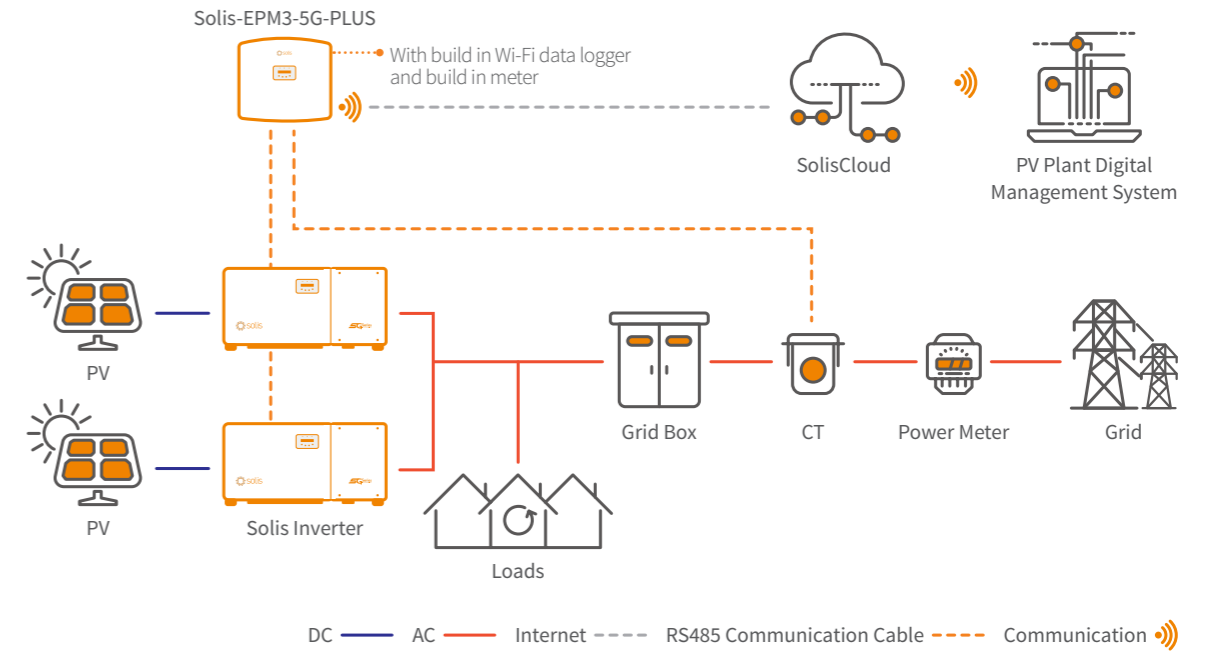


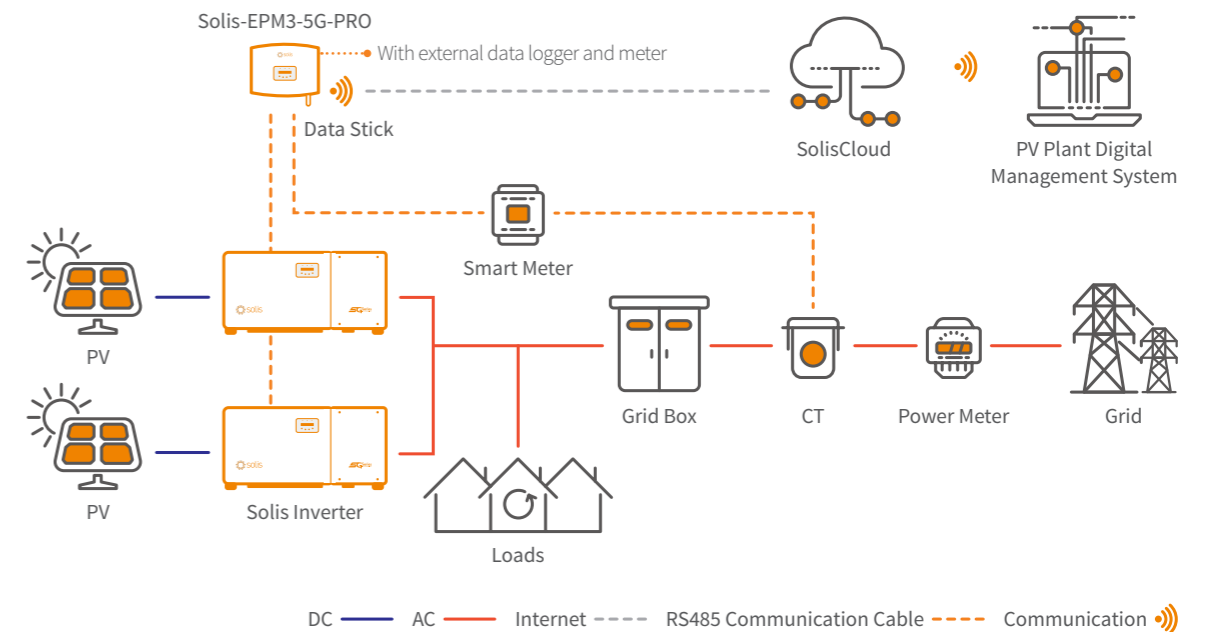
Export Power Management Solutions

In a multi-inverter system, the export limitation is integrated into the EPM (Export Power Manager) firmware. The EPM will monitor and control the backflow power from the inverter to the grid thus providing export power control of inverters.

Export Power Management Solution - Solis-EPM3-5G-PLUS



Export Power Management Solution - Solis-EPM3-5G-PRO



Solis-EPM-5G

Accessories - Solis Export Power Manager

Smart & strong

- Simultaneous control of 80 X Solis inverters
- Realizing reactive compensation of the system

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 1%, 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

Solis-EPM3-5G-PLUS

- CT optional
- Built-in Meter
- Built-in Data logger (WIFI)
- Supports systems up to 400V AC

Solis-EPM3-5G-PRO

- CT optional
- External Data logger
- External Meter (provided by Solis)
- Supports systems up to 500V AC

Models:

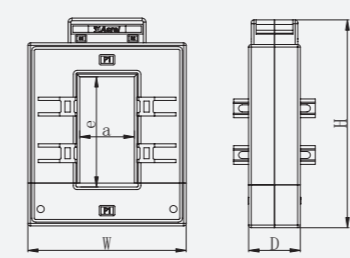
Solis-EPM3-5G-PLUS

Solis-EPM3-5G-PRO



DATASHEET

Solis-EPM-5G

Models	Solis-EPM3-5G-PLUS	Solis-EPM3-5G-PRO					
Input AC							
Rated voltage	3/N/PE, 230 V / 400 V						
Input voltage range	L - L: 175- 456 V	175 ~ 519 V (L-L)					
Input frequency range	45-65 Hz						
Communication							
Inverter communication	Modbus						
Communication with inverter	RS485 (Wired)						
Max. communication inverter numbers	10	20					
Max. communication distance	1000 m						
Monitoring	Wi-Fi	WiFi/4G/LAN Stick (Optional attachment)					
General Data							
Operating ambient temperature range	-25 ~ +60°C						
Relative humidity	5%-95%						
Max. operation altitude	2000 m						
Ingress protection	IP65						
Pollution degree	PD2 (Inside), PD3 (Outside)						
Overvoltage category	III						
Self-consumption	<15 W	<6 W					
Dimensions (W*H*D)	488*446*149 mm	364*276*114 mm					
Weight	5.4 kg (without CT)	2.1 kg (without CT, Meter)					
AC connection	Quick connection terminal						
Display	LCD						
Smart meter	Yes (Built-in)	Yes					
CT connection	Plug terminal (external)						
CT specification	Optional (Secondary current is 5A) ⁽¹⁾						
Power control accuracy	1%						
Features							
Failsafe function	Yes						
Remote upgrade	Yes (Both EPM and inverter)						
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) Due to different on-site installation conditions, Solis currently has optional specifications as shown in the above table. It is suggested that the client can choose the appropriate CT specifications according to the actual installation requirements.