

ELMARK[®]

The Brand of Electricity

SOLIS EXPORT MANAGER EPM3-5G



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.

TECHNICAL SPECIFICATION

AUXILIARY DEVICES FOR CIRCUIT BREAKERS

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FEATURES:

- Smart & strong: Simultaneous control of 10 X Solis inverters
- Saving & high precision: Simultaneously monitor the operating data of the 80 X Solis inverter, saving the cost of the monitoring system
- Friendly & compatible: Saving & high precision: Support “Δ” and “Y” grid systems
- Realizing reactive compensation of the system, which ensure the power factor of the system is up to standard
- The control accuracy is up to 3%, which improves the system’s spontaneous use rate
- Supports simultaneous access of Solis inverters with different power

COMMUNICATION:

- With inverter: Modbus RS485
- Maximum communication inverter numbers: 10
- Maximum communication distance: 1000m
- Monitoring: Wi-Fi stick or GPRS stick for single inverter connection Wi-Fi box or GPRS box for 2-10 inverters connection

TECHNICAL DATA:

- Input frequency range: 45-65 Hz
- Input voltage range: L to N: 100-277 V
- Ambient temperature: -25°C to +60°C
- Ingress protection: IP65
- Relative humidity: 5%-95%
- CT connection: Plug terminal
- Weight: 2.1 kg

Model	Rated voltage (V)	Input current (A)	Maximum communication inverter numbers	Dimensions			Catalogue number
				Length (mm)	Width (mm)	Height (mm)	
Solis-EPM3-5G	400V, 3/N/PE or 3/PE	5	10	364	276	114	423051

