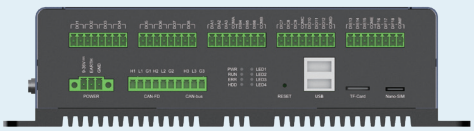
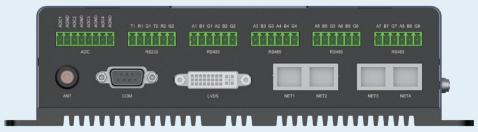
EMS1000







The Solax EMS1000 is designed for use in industrial and commercial energy storage and solar power stations.

Smart and Friendly

- Supports fault recording and second-level fault data retrieval
- Supports multi-device parallel energy control and intelligent output control
- Supports second-level data collection and local storage for up to 1 year

Efficient O&M

- Built-in web interface
- Supports local monitoring and remote access
- Supports cell-level data collection and monitoring

*V1.2. Information may be subject to modify without notice. 650.00072.00

SOLAX POWER | BVB 09 PARTNER

EMS1000

SOLAXCLOUD COMMUNICATION	
WAN	NET4, 10M / 100M / 1000M
4G	CAT4
SIM Card Size	Nano - 4FF, 12.3 mm × 8.8 mm; Class C,1.8V
Sample Rate	Per 10 seconds，2G Data Package
COMMUNICATION PORTS	
LAN	NET1 / NET2 / NET3, 10M / 100M / 1000M
RS485	RS485 × 8
CAN	CAN-FD × 2, CAN-2.0 × 1
Digital Inputs	DI1—DI12, dry contact; DI13—DI18, wet contact
Digital Onputs	DO × 8
Analog Input	AI × 4
USB	USB2.0 × 2
AMBIENT CONDITIONS	
Operating Temperature [OC]	-40 ~ 60
Relative Air Humidity [%]	5 ~ 95 (non-condensing)
Elevation [m]	3000
Protection Class	IP20
POWER SUPPLY	
DC Input Voltage [V]	12 ~ 24
DC Iutput Current [A]	0.65A avg (1.17A peak)
Power Consumption [W]	15.6W avg (28W peak)
STORAGE DATA	
Local data storage period	1 Year ①
MECHANICAL DATA	
Dimensions (W × H × D) [mm]	232 × 113.2 × 59
Weight [g]	1400
Installation Method	DIN-rail Mounting, Wall Mounting
COMPLIANCE	
Compliance	CE, RCM. SRRC

① The local storage logic follows a loop-overwrite system with an average overwrite cycle period longer than one year. However, slight variations may occur depending on the user's actual usage scenarios.

Preliminary