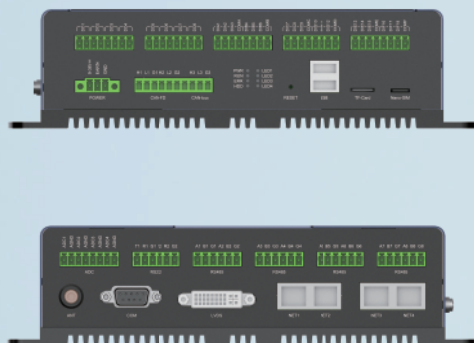


# EMS1000



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
- Support multi-device parallel energy control and intelligent output control
- Support second-level data storage and local storage up to 1 year



## Efficient O&M

- Built-in web interface
- Support local monitoring and remote access
- Cell-level data collection and monitoring

# EMS1000

SOLAXCLOUD COMMUNICATION	
WAN	NET4, 10M/100M/1000M
4G	CAT4
SIM Card Size	Nano - 4FF, 12.3mm*8.8mm; 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 [°C]	-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 <sup>①</sup>
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.