

EM-1000



KEY FEATURE

- Support up to 120 inverters connection;
- Support a variety of communication protocols (Modbus RTU/Modbus TCP/IEC 104);
- Support embedded web configuration;
- Support automatically search and allocate inverter addresses for convenient on-site debugging;
- Support 3rd party device connect;

TECHNICAL PARAMETER

Models	Parameters	EM-1000
Basic Parameter	Max. number of devices	≤120
	Supported device type	CanadianSolar Inverter
Electrical	DC power supply	12-24VDC
	Max. power consumption	25W
Communication Port	RS485	COM × 8
	Ethernet	LAN × 4, 10/100/1000Mbps adaptive
Communication Protocol	DI/DO/AI	DI × 18, DO × 8, AI × 4(0-20mA,0-10V)
	RS485	Modbus RTU
	Ethernet	Modbus TCP, IEC 60870-5-104
Display	Status indicator	LED × 8
	Web	Embedded Web monitoring
Storage	External storage	TF Card
Environmental	Operating temperature	-40°C~+60°C
	Operating humidity	5%-95%RH
	Storage temperature	-40°C~+70°C
	Max. operation altitude	5000m
	Protection degree	IP20
Physical	Dimensions (L*W*H)	200*113.2*59 mm
	Weight	1.4 kg
	Installation method	Rail Mounting, Desktop installation