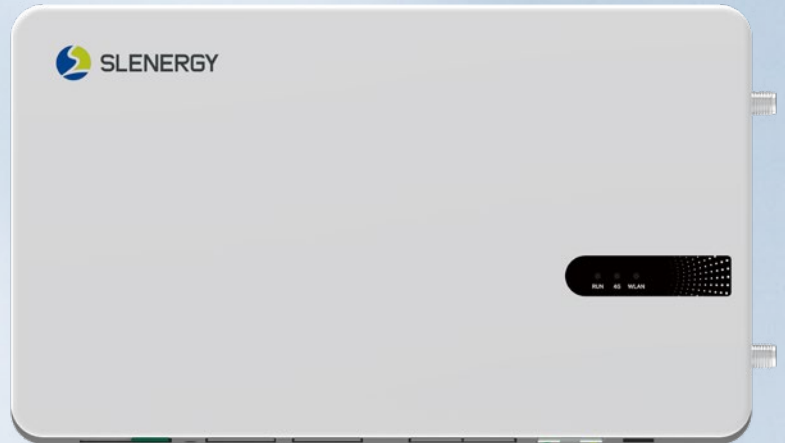


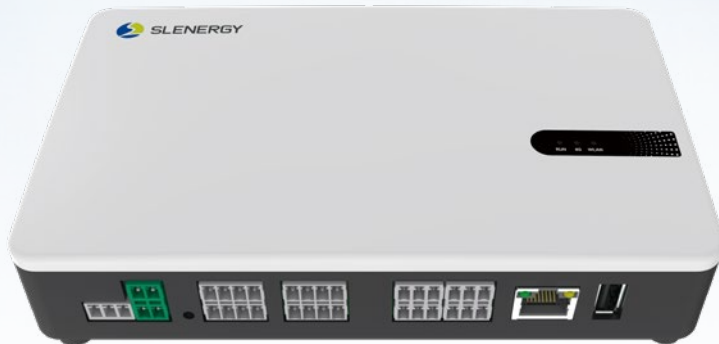
Datalogger NEW

SL-CC30

Datalogger is a device used in PV power plants for data acquisition, power control, and protocol conversion of PV equipment such as inverters. This device also integrates communication gateway and power plant operation and maintenance functions.



Product Feature



Flexible Networking

- Supports RS485, 4G, WLAN, and Ethernet communication;
- Supports the integration of various environmental sensors, meters, and weather station devices;



Assisted Operation and Maintenance

- Supports remote parameter configuration and firmware upgrades for inverters;
- Supports grid control commands and power factor control;
- Supports DRM power scheduling;
- Supports multi-machine anti-backflow;



Easy Operation

- Automatically searches for and assigns inverter addresses;
- Supports local web access, compatible with mobile and PC access;
- Offers multiple installation methods;

Model	SL-CC30
Basic Parameters	
Power Adapter	Input 100V~240VAC,50/60Hz, Output 24VDC/1A or 12VDC/2A
DC Power Supply	24V/1A or 12V/2A
Power Consumption	Typical 10W (Maximum 18W)
Dimensions (W x H x D)	181 x 113.8 x 39mm
Weights	500g
Protection Rating	IP20
Installation Method	Wall-Mounted, Rail-Mounted, Desktop-Mounted
Warranty	2 Years
Communications	
No. of Access Devices	≥30
Local WEB	Yes
Cloud Platform Communication	4G
	WiFi: 2.4 GHz, 802.11 b/g/n
	LAN: 10/100Mbps Adaptive. Maximum Communication Distance 100m (Direct Connection)
	Data upload frequency: 4 minutes
Communication with the Inverter	RS485 x 3, Max. communication distance 1000m (Using shielded twisted pair cable)
Communication with Third-Party Devices	RS485 x 1, to connect to meters, environmental monitors, etc.
	CAN x 1: Function reservation
DI/DO/AI	DI x 5: dry node, max. voltage 24V
	DO x 2: output same as input voltage, current limit 500mA
	AI x 4: 4mA ~ 20mA or 0V ~ 10V, configurable as DI
DRM	Completes the DRM function with DI1 to DI4.
Stockpile	TF card x 1: function reserved
	USB Host(Type-A) x 1: function reserved
Human-computer	LED x 3: Operation status, 4G networking status, WiFi networking status
	Button x 1: Reset
Environmental Parameters	
Operating Temperature	-30 ~ 65 °C
Storage Temperature	-40 ~ 70 °C
Relative Humidity	5% to 95% (no condensation)
Highest Elevation	4000m
Accreditation Standards	
CE-EMC	EN 55011; EN 55032:2015; EN 61000-3-2:2014 EN 61000-3-3:2013; EN55035:2017
RoHS	IEC 62321-3-1:2013; IEC 62321-5:2013; IEC 62321-4:2013; IEC 62321-7-1:2015; IEC 62321-7-2:2017; IEC 62321-6:2015; IEC 62321-8:2017
Accreditation	CE-RED