SolarInfo™ Logger

Remote Monitoring and Control of PV Plants

Data acquisition device is used for collecting and monitoring the data from PV power plants, including the working situation data of PV grid-connected inverter, PV combiner box and etc.

Efficiency

- 4 discrete inputs and RS485 outputs, both with galvanic isolation

Flexible

- Integrated SolarInfo Bank for remote monitoring the PV plant from any PC or smart phone around the world
- Multiple communication connections: RS485, RS232, Ethernet
- Avaliable for electric meter access and DL/T 645 agreement
- Real-time clock, avaliable for GPS time tick
- Avaliable for remote maintenance and update
- Remote data access RS485/Ethernet, easy connecting to SCADA system
- Communication with up to 30 inverters
- Support external memory(micro SD 2GB), 10 years storage life
- Wall or guide rail attachable
  4 discrete inputs, 4 relay outputs, 2 analog inputs(active/reactive dispatch), faults alert

User-friendly

- Multilevel gray LCD screen with high brightness
- Touch sensor keys

Communication	
Inverter communication	RS485×1
PC communication	10/100 Mbit Ethernet/RS232/RS485
Wireless module (opt.)	Zigbee(2.4GHz)
Max. number of devices	
RS485 port	30(inverters, PV Combiner Box and etc.)
Max. communication range	
RS485/Ethernet	1,200m/100m
RF in the open area	100m
Power supply	
Power supply	External plug-in power supply
Input voltage	120V–240VAC, 50/60Hz
Power consumption	Typ.3W/max.10W
Environmental Conditions	
Ambient temperature	–20 ~ +60℃
Humidity	5% ~ 95%, non–condensing
Memory	
External	MicroSD card 128 MB/512 MB/1 GB/2 GB (optional)
General data	
Dimensions (WxHxD)	205×132×38mm
Weight	550g
Mounting location	Indoors
Installation options	DIN rail installation, wall mounting, tabletop device
Display	LCD, LED
Language versions – software/manual	English, German, Italian, Chinese
Accessories	
MicroSD card 2GB	opt.
Outdoor RF antenna(2.4GHz)	opt.
Wireless (Zigbee)	opt.

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