



PSD300.R110

Intelligent collection terminal

Focus on creating value for clients

PSD300.R110 Intelligent collection terminal

The PSD300.R110 inverter data acquisition terminal product supports USB physical connector, supports WiFi/Ethernet communication method in the uplink, and supports RS485 communication in the downlink. It can realize data collection and data transmission of the inverter, collect and record the working status and power generation status of the inverter, and easily support the access and operation and maintenance of the power station.

Application scenarios: It is widely used in household and industrial and commercial power stations to collect and record the working status and power generation status of the inverter, and remotely monitor the photovoltaic power generation system through a professional platform to help users manage distributed power stations with low cost and high efficiency.



Features

- Easy to install, plug and play, convenient and fast
- Password protection, encrypted transmission, and protection of user data security
- Support local/remote upgrade, support breakpoint resumption
- Supports 7-day offline data caching
- Support IP65

Specifications

MODEL	PSD300.R110
Communication parameters	
Supported device types	Inverters from Livoltek
Number of supported devices	1
Data collection interval	5 minutes/times
Status Display	LED x 3
Communication Interface	RS-485
way of communication	
Ethernet communication	Number of ways *1, 10/100MbpsAdaptive, Communication distance≤100m
WLAN communication	2.4GHz/ 802.11 b/g/n, support STA/AP/STA+AP model
Electrical parameters	
Input voltage	DC 5V
Operating power consumption	≤5W
Environmental parameters	
Operating temperature	-30 ~ +65° C
Working humidity	5% - 95%, Relative humidity non-condensing
Storage temperature	-40 ~ +70° C
Working altitude	≤ 3000m
Protection level	IP65
Physical parameters	
Dimensions (length*width*height)	31.5mm x 43.3mm x 158.5mm
Installation method	pluggable