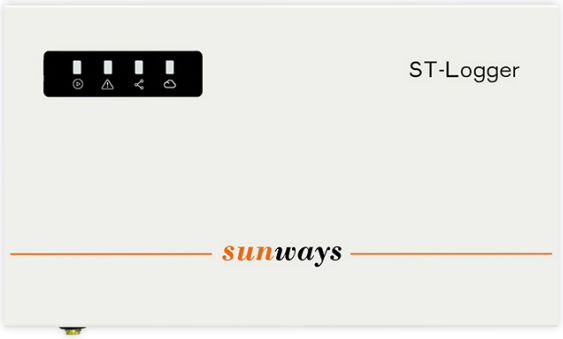
sunways

Data Logger

Flexible Networking

Convenient O&M



Flexible Networking

- Monitoring of up to 90 devices
- Support of RS485, Ethernet, WiFi communication
- Support of energy meter, meteo station, sensors and other equipment access

Convenient O&M

- Active and reactive power control
- 100% data availability through 24/7 operations
- Inverter batch parameter setting and firmware updates
- Plant maintenance by remote Web access, optimized OPEX

General Data	
Max. No. of Inverters	90 (30/RS485 Port)
Preference Setting	Remote Web、APP
Firmware Upgrade	Wireless upgrade
Working Voltage	DC 12V
Power Consumption	< 10W

Environmental Data	
Operating Temperature (°C)	-10~+60
Operating Humidity	0%-90% relative humidity, no condensation
Operating Altitude (m)	⩽ 4000m
Storage Temperature (°C)	-40~+85
Storage Humidity	< 40%
Protection Degree	IP20

Interface Specification	
RS485 Interface	4 ports (3 ports for inverters connection, 1 port for other devices connection), Baud 9600bps (Adjustable from 1200-57600 bps)
Ethernet Interface	1 port, 10/100Mbps Self-adaptive
Wireless Interface	WiFi/GPRS Alternative
Output Dry Contact	Two independent dry contacts, 230V/1A
Other Interface	CAN/USB/SD/SIM
Wireless Data	
WiFi Transmitting Power	802.11b: +16 +/-2dBm (@11Mbps)、802.11g: +14 +/-2dBm (@54Mbps)、802.11n: +13 +/-2dBm (@HT20, MCS7)
WiFi Receiving Sensitivity	802.11b: -87 dBm (@11Mbps ,CCK)、802.11g: -73 dBm (@54Mbps, OFDM)、802.11n: -71 dBm (@HT20, MCS7)
WiFi Operating Frequency	2.412GHz-2.484GHz
Communication Distance	100M (without obstacles)
GPRS Data	
WiFi Transmitting Power	GSM850/EGSM900: 5dbm ～ 32.5dbm、DCS1800/PCS1900: 0dbm ～ 29.5dbm
WiFi Receiving Sensitivity	< -108.5dBm
WiFi Operating Frequency	GSM850, EGSM900, DCS1800, PCS1900
GPRS Connection Features	GPRS multiple time slot class is 10 (default) and mobile station class is B
Other Data	
Dimensions (L*W*H)	212×120×62
Weight	800g
Warranty	2 years
Mounting Type	Guide-rail Mounting