

Solis-Cellular

Accessories

Solis Monitoring System



Data Logging Stick

Cellular Network



Smart monitoring system

Internet



Solis-Cellular

Data Logging Stick: 4G

- Plug and Play
- Easy mobile scan feature to add to your monitoring account
- Free mobile and PC app for monitoring your solar from anywhere
- Advance network reach of 50 states including Hawaii

Datasheet

Model Name	Solis-Cellular	
Connected Inverters	1	
Serial Data Rate	9600 bps (Default) (1200-115200 bps)	
Data Collection	5 Min (Default) (1-15 Min)	
User Configuration	AT+ Command Set	
	Remote Server	
Bands	LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM/EDGE: B3/B8	
Frequency Range	704 MHz-960 MHz 1710 MHz -2690 MHz	
Transmit Power	Class 3 (23 dBm±2 dB) for LTE-TDD bands	Class 3 (23 dBm±2 dB) for LTE-FDD bands
	Class 3 (24 dBm+1/-3 dB) for WCDMA bands	Class 2 (24 dBm+1/-3 dB) for TD-SCDMA bands
	Class E2 (27 dBm±3 dB) for EDGE 850/900 MHz	Class E2 (26 dBm±3 dB) for EDGE 1800/1900 MHz
	Class 4 (33 dBm±2 dB) for GSM 900	
Antenna Options	External Stick	
Data Interface	RS 485	
Status Indicator	Inverter Connection	
	Server Connection	
	Cellular Network Connection	
Data Storage	Default 2 MBYTE FLASH	
SIM Card	Micro SIM card slot	

Electrical

Operating Voltage	DC 5 V-12 V
Max. Voltage	DC 15 V
Power Consumption	3.5 W

Environmental

Operating Temperature	-35 ~ +80°C
Operating Humidity	10-90% Relative, Non-Condensing
Storage Temperature	-45 ~ +90°C
Storage Humidity	<40%
Protection Class	TYPE 4X

Physical

Dimensions(L*W*H)	1.85*1.61*6.3 in (47*41*160 mm)
Weight	130 g
External Interface	4-Pin Aviation Style Circular Connector
Firmware Upgrade	Remote

Others

Other parameters	Real Time Control, HTTP
Area	North America
Warranty	2 years
Certificates	CE, FCC, RoHS