

Samil Grid Tie Inverter - - Samil SolarPower Manager

SolarPower Manager

(Global GPRS monitoring system + Data Logger)

The SolarPower Manager is the communication centre of the PV power system, monitoring the system's operation, providing remote diagnostics and data acquisition. All the data from the inverters connected with the SolarPower Manager is available for continuous updating and provides real-time running status of the PV power system at all times.



Features:

Monitor function:

- Monitor the PV power system continuously
- Analysis and archiving of PV operation data by Microsoft Excel (PC and software needed)
- Monitor inverter status via GPRS connection
- Monitor data stored in database, with high security
- Remote access to browse logged data via any internet connection

Storage function:

- Detect and record system faults fully automatically
- Record and store PV power system data at preset sample time
- Record inverter PV/AC voltage, PV/AC current, PV/AC power, AC frequency, energy today, total yield, etc..
- 2 Gigabyte SD card for storing and recording data, which can be transferred from SD card to computer via USB2.0 connection allowing captured data analysis when off line.
- Three LED indicators confirm the GPRS connection, RS232/RS485 connection and power supply status
- Easy installation; via optional connection port: RS232 or RS485
- Data diagnostics and system configuration by PC

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Datasheet

■ SolarPower Manager

■ Interfaces

Inverter communication	RS485 (up to 32 inverters, max.1200m cable)
Ethernet	10/100M LAN
Wireless	GPRS

■ Storage

Internal storage	32MB in a ring memory configuration
External storage	SD card 2GB

■ Mechanical Data

Width/height/depth	222 /153/45 mm
Weight	720g

■ Power Supply

Plug-in power supply	115V-230V 50/60Hz
Power consumption	3W (Typ.)/10W (Max.)

■ Operation Conditions

Ambient temperature	-20°C~+55°C
Relative air humidity	

■ Other Data

Status display	Built-in LED
Installation	DIN rail installation, Wall-mounting, tabletop device

