



PRO-Verter RMK (AGS)

Item # 20-0702604

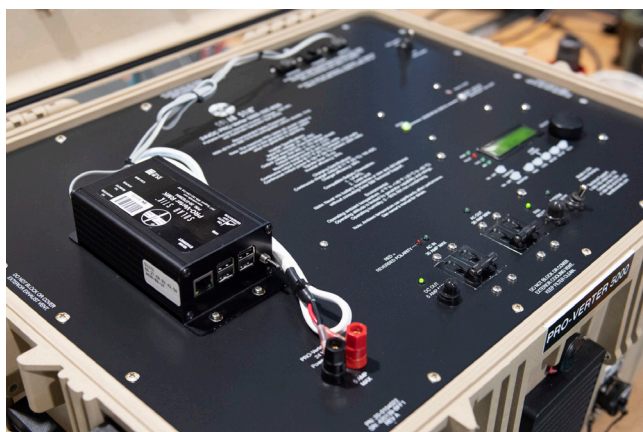
Constantly Watching with AMMPS Control

The Remote Monitoring Kit (RMK) provides remote access to critical operating data in a Solar Stik Hybrid Power System. The RMK connects directly to a Solar Stik PRO-Verter, the central unit of control for AC and DC circuitry in large Solar Stik power systems. The RMK records and stores system data to provide tabular and graphical reports via a user-friendly, browser-based interface accessible via LAN connection on the PRO-Verter. The data includes system health, generator runtime, fault histories, and additional metrics to optimize system performance. The PRO-Verter RMK (AGS) also includes the capability to interface with the AMMPS generator via CAN Bus.

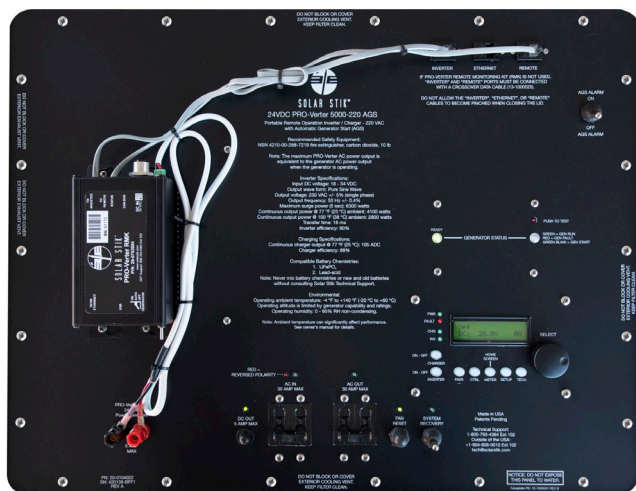


Features

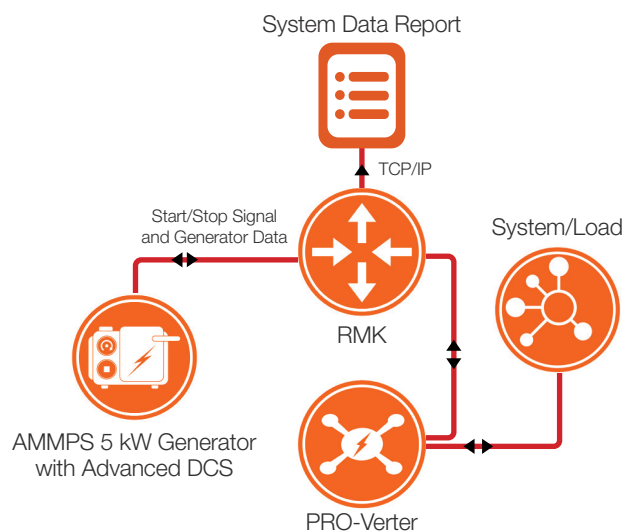
- Auto-start/stop of AMMPS generators
- Built-in HTTP website server
- MODBUS application protocol provided both as isolated RS-485 serial and as MODBUS/TCP (RTU mode only)
- Data collected and viewed from the web
- Real-time data logging at user-defined intervals
- FTP data logging to remote server
- Simple installation and setup
- Application Program Interface (API) available



PRO-Verter RMK (AGS) mounted to the PRO-Verter 5000 faceplate



PRO-Verter RMK (AGS) mounted to the PRO-Verter 5000 faceplate





SOLAR STIK®

PRO-Verter RMK (AGS)

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General

Nominal Operating Voltage	24 VDC
Battery	Real-time clock battery (CR1225 coin cell)
Quiescent Load	< 2.5 W
Communication Protocol	Ethernet, TCP/IP, HTTP, JSON, CAN Bus
Network Configurations	Static IP or DHCP
User Interface	Web browser via LAN connection
AGS Functionality	AMMPS
Construction	All-metal enclosure
Warranty	1-year materials and workmanship

Safety

Fuse(s)	2 A mini blade fuse
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Connections

Input(s)	<ul style="list-style-type: none">• (1) 24 VDC 2 A power (terminal block OSTOQ023251)
Input(s)/Output(s)	<ul style="list-style-type: none">• (1) Ethernet (RJ45)• (2) PRO-Verter communication (RJ11)• (4) USB data (type A)• (1) CAN Bus

Environmental

Operating Temperature	-4 °F to 140 °F (-20 °C to +60 °C)
Storage Temperature	-40 °F to 158 °F (-40 °C to +70 °C)
Humidity	0 to 95% RH noncondensing

Weights and Dimensions (L x W x H)

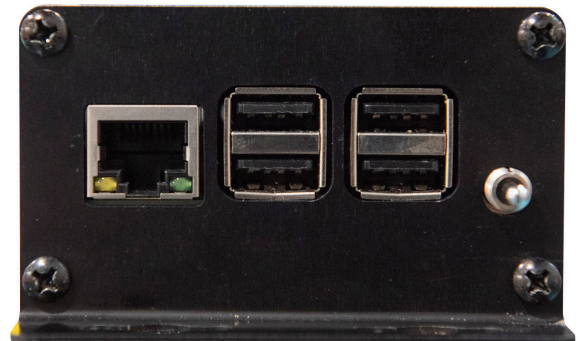
Weight	0.5 lb (0.2 kg)
Dimensions	6 x 3 x 2 in (15 x 8 x 5 cm)

Includes

- (1) PRO-Verter RMK (AGS)
- (1) RJ11 crossed 2 ft data cable
- (1) Cat5e 3 ft Ethernet cable
- (1) DC power cable with fork terminals
- (1) 2 GB USB flash drive
- (1) Sensor/Actuator cable
- (1) Set of screws, flat washers, lock washers, zip ties, tie wrap mounts



PRO-Verter RMK (AGS) left corner view



PRO-Verter RMK (AGS) left side view



PRO-Verter RMK (AGS) right side view



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