



# POWERFLY Solar Gateway

## w/ Revenue Grade Meter PF-REVPIS-RGM

### KEY FEATURES:

- Pre-wired, pre-configured, plug and play
- Interoperable with dozens of inverter brands
- Cellular network connection and data included
- Universal voltage input 120Vac - 277Vac
- Flexible CTs fit in tight spaces
- Revenue Grade Accuracy - ANSI Class 0.5



### POWERFLY CONTROLLER

Interfaces	2 x LAN Ports 2 x USB 2.0 Ports 1 x RS485 screw-type terminal
Power Input Range	12v - 24v DC Input Power
Operating Temperature	-25C to +55C Operating Temperature
Power Consumption	20 Watt max power consumption (avg 4 watts)
Certifications	RoHS Conformity   CE Conformity   UL Certified

### INDUSTRIAL CELLULAR MODEM - 4G LTE

Cellular Network	AT&T and T-Mobile USA Coverage
Data Plan	Standard Data Plan covers 1MW Sites or Less
Accessories	Cellular Antennas   SIM Card
Network Protocol	DHCP
Interfaces	2 x LAN Ports   WiFi Available
Power Input Range	9 - 30VDC
Power Consumption	<5 watt power consumption
Operating Temperature	-40C to +75C Operating Temperature
Certifications	FCC 47 CFR Part 15   CE Certified   RoHS Certified

### REVENUE GRADE METER

Accuracy Class	ANSI C12.20 0.5 Class/ IEC 62053-22 0.5s Class
Power Input Range	10 - 690Vac direct input voltage
CT Compatibility	Compatible with multiple CT secondary input options: 5A/1A, 333mV, Rogowski Coils, 80/100/200mA
Frequency	Compatible with both 50Hz and 60Hz systems
Phase	1phase or 3phase
Communications	RS-485 Wired Terminal

### REVENUE GRADE CTS

Current Range	5A-50,000A AC Circuits (depends on system size)
Accuracy Class	0.5% - IEEE C57.13 class 0.6
Working Voltage	1000V CAT III, 600V CAT IV
Certifications	Certifications CE, RoHS, cURus (E359521)

### ACCESSORIES AND ENCLOSURE

Power Converter Output	AC/DC Converter to 24VDC
Power Input Range	Universal AC voltage input - 110 - 277VAC
Power Supply Certification	UL Listed
Protection	Fused AC input terminal block 1 phase or 3 phase
Installation	Pre-wired, pre-configured, plug and play
Enclosure	NEMA 4X Polycarbonate enclosure
Enclosure Certification	UL Listed
Dimensions	12in x 12in x 7in

### HARDWARE OPTIONS

HARDWARE OPTIONS		Part Number
Increase Cellular Signal	High gain external antenna - puck style	PF-ANTPUCK
Additional LAN	4-Port Ethernet Switch 24V - Din Rail	PF-SWITCH4
Additional RS485	(USB to RS485 converter)	PF-USB485
Higher Amp CTs	>2500A CTs	PF-CT2500
CT Wire Leads	Extended CT wire leads to 45ft	PF-CTWIRE45

### SOFTWARE OPTIONS

SOFTWARE OPTIONS		Part Number
0 - 250kWAC PV System Size	5yr SaaS, Inverter Level Data, Meter Data, Dashboard, Alerts	PF-SAAS250-RGM
251kWAC - 600kWAC PV System Size	5yr SaaS, Inverter Level Data, Meter Data, Dashboard, Alerts	PF-SAAS600-RGM
601kWAC - 1MWAC PV System Size	5yr SaaS, Inverter Level Data, Meter Data, Dashboard, Alerts	PF-SAAS1000-RGM
Increased Cellular Data	Additional 500MB/mo cellular data - 5yrs	PF-CELL500
QRE Services up to 1MW	Qualified Reporting Entity RECs reporting only - No Dashboard	PF-QRE1000