

IM Series® Intelligent Power Switching and Monitoring Units

IM Series

Intelligent in-line power metering hooked directly into your MicroGrid and will relay your power consumption back to your command location.

- Remote power monitoring and metering of current in amps, power in watts as well as total energy consumption
- Capable of switching power off down line when necessary
- Improves knowledge of energy consumption to help drive efficiencies
- Ethernet port provides serial interfacing directly to C&C
- Available in 30, 60 & 100A configurations

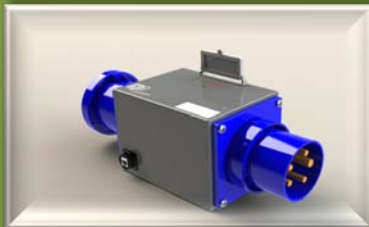
30
AMP



60
AMP



100
AMPS



Intelligent Power Switching and Monitoring Control Units

In-line switching, monitoring and control meters allow for intelligent power conservation when it is needed most.

The **IMSeries** family of products is an in-line metering and control boxes designed to function in harsh environments. It will relay pertinent information back to a lap top or PDA as well as allow the user to switch power off when no longer needed. Each **IMSeries** unit will be attached in-line between the Generator & Power Distribution Unit (PDU) or PDU and location (tent, hvac, ect.) on the grid. The unit will then relay information back to the C&C for energy used data collection.

Effectively monitor, control and manage power and energy.

The **IMSeries** family of high reliability chassis power offers real-time monitoring of current (amps), voltage (volts) and power (kVA, kW). The **IMSeries** allows for remote switching from the command and control center to promote energy conservation of the power grid.

The AJPS power monitor and control unit enables the C&C operator to:

- Make informed logistics planning decisions
- Efficiently utilize multiple power resources
- Measure power usage effectiveness
- Switch off powered location when not being utilized
- Save power and money
- Peak Power Notification

MicroGrid In-Line Metering with Intelligent Control

	IM-30A	IM-60A	IM-100A
Power Current Capability	30 AMPS	60 AMPS	100 AMPS
Phase	Single or Three	Single or Three	Single or Three
Power Monitoring	Ethernet, Unit	Ethernet, Unit	Ethernet, Unit
Power Control	Serial, Ethernet	Serial, Ethernet	Serial, Ethernet
Meters Display	Current, Wattage, Voltage	Current, Wattage, Voltage	Current, Wattage, Voltage
LED modes	AMPS, Volts, Watts	AMPS, Volts, Watts	AMPS, Volts, Watts
Power Data Collected	AMPS, Volts, Watts, PF, VA	AMPS, Volts, Watts, PF, VA	AMPS, Volts, Watts, PF, VA
Temperature Monitoring	Ethernet to C&C	Ethernet to C&C	Ethernet to C&C
Enclosure Rating	IP67 environmentally sealed	IP67 environmentally sealed	IP67 environmentally sealed
Power Connector Type	IEC 60309	IEC 60309	IEC 60309
Input Power Connector Part Numbers	HBL530B9W 530B9W	HBL560B9W 560B9W	HBL5100B9W 5100R9W
Output Power Connector Part Numbers	HBL530R9W 530R9W	HBL560R9W 560R9W	HBL5100R9W 5100R9W
Communication Protocols	E over P or 802.15 Wireless		

Wide range of options available to suit your design parameters.

- Multiple input voltages available
- Environmentally Sealed Chassis and Connectors
- Single-phase and three-phase inputs
- 30A to 100A input
- In-Line environmentally sealed chassis and connector configurations
- LED displays mode of meter measurement (A,V,W)
- Remote Temperature Monitoring
- Custom chassis options available

To View more information go to:

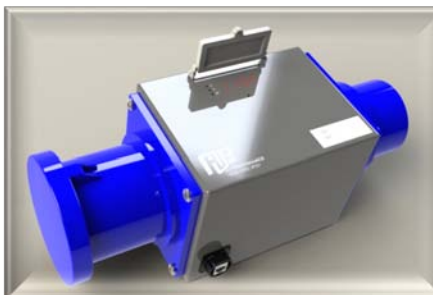
www.ajpower.com/imseries

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AJ's Power Source is a veteran owned small business (VSOB) cage code 0P327. In business since 1985 the history of dedication in the power market has allowed for development of power supplies, uninterruptable power supplies, power distribution, power monitoring and power control devices. See other options at www.ajpower.com.

