

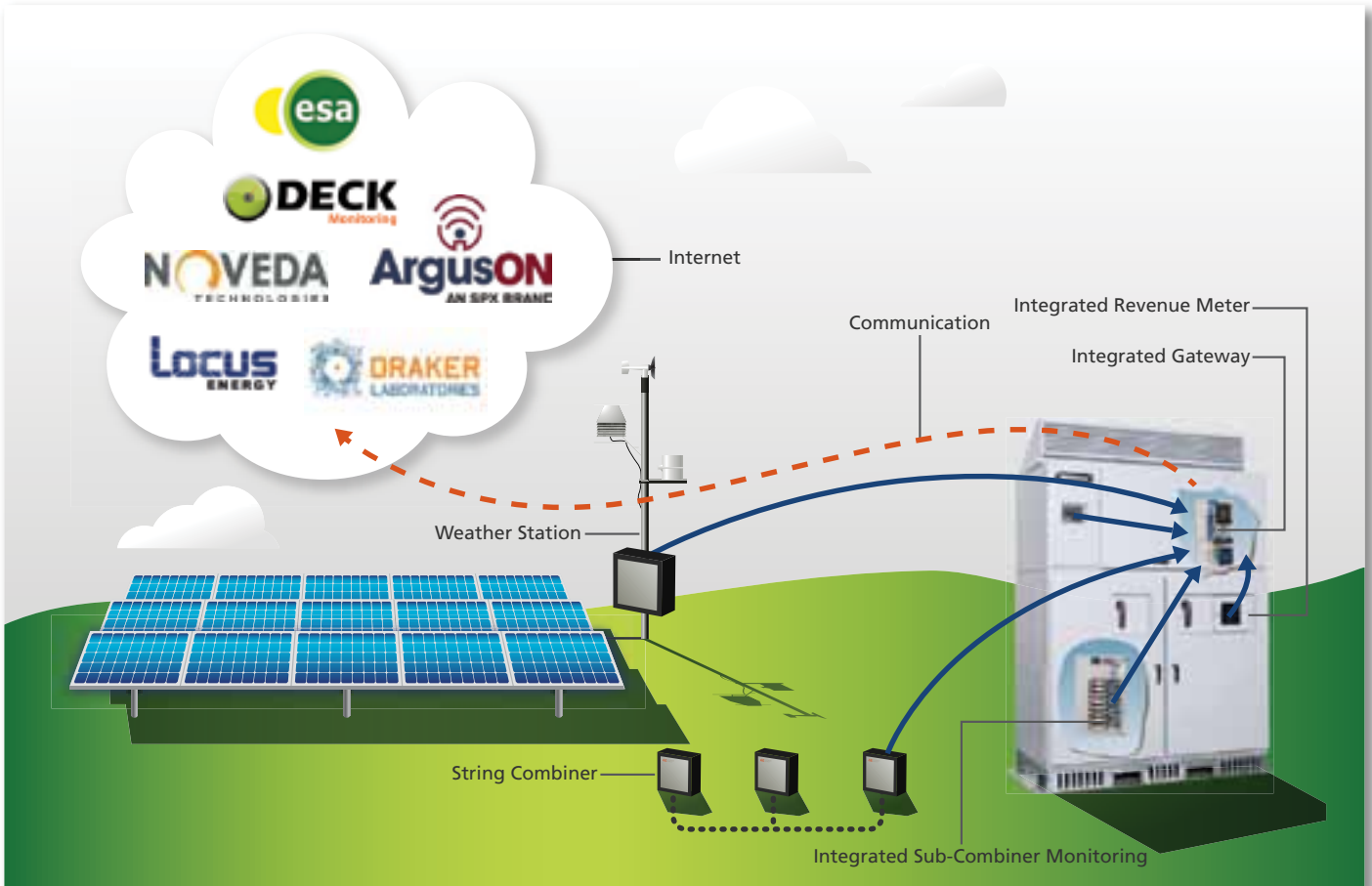


PV Powered solAron siteguard

AE Commercial Monitoring Solutions

Advanced Energy's commercial inverters can be ordered and shipped with integrated performance monitoring hardware that enables connectivity to a variety of software solutions from our industry leading monitoring partners. This revolutionary approach simplifies the monitoring selection and configuration process. The tight integration between Advanced Energy and our monitoring partners creates a superior service and support experience while delivering seamless and meaningful data. Factory integration and testing of our UL listed monitoring solution ensures high reliability and significantly reduces field installation costs.

Integrated Hardware + Software Choice





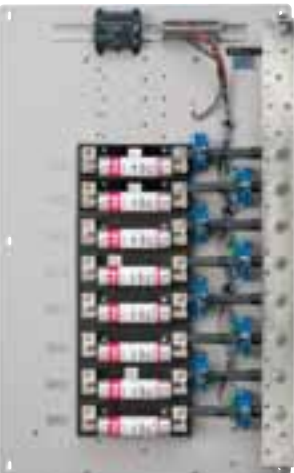
Integrated Monitoring Gateway Specifications

General	
Supported Inverters	PVP 35kW, 50kW, 75kW, 100kW, 250kW, 260kW, 500kW
Type	Inverter Integrated UL-listed assembly
Gateway	Obvius EMB A8810
Field Device	Up to 32 modbus slave devices
Field Communications	Modbus via RS-485 or TCP/IP
LAN	RJ-45 10/100 Ethernet Port
Data Storage	16 MB Flash
Data logging	User Selectable from 1 to 60 minutes (default 15 min)
Available Field Power	24VDC, 60W
Warranty	5 years



Integrated Revenue Meter Specifications

Meter	
Supported Inverters	PVP 35kW, 50kW, 75kW, 100kW, 250kW, 260kW, 500kW
Make	Electro Industries
Model	Shark 100 (100s for 35/50k)
Class	ANSI C12.20 (0.2% Accuracy), IEC 687 (0.2% Accuracy)
Communications	Modbus RTU or TCP/IP (100s only)
Display	Bright Red LED, Lockable weather tight cover



Integrated Sub-Combiner Monitoring Specifications

Inverter	PVP 75/ 100kW			PVP 250/ 260kW		PVP 500kW	
Maximum # of input circuits	3	5	6	8	16	8	16
Maximum Total Fuse Rating (A)	675	675	675	1600	1600	3200	3200
Maximum OCPD per circuit (A)	200	200	100	200	100	400 (DC Breakers)	250 (DC Breakers)
Maximum DC voltage input	600 VDC						
CT Current rating (A)	200	200	100	200	100	400	300
Communications	Modbus RTU via RS-485						

Specifications are subject to change without notice.



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 97-1000968C 0M 11/11