ADVANCED ENERGY®

PVPowered™ solaron® siteguard®

PVP260kW

The industry standard for reliability, installability and maintainability

The PVP260kW raises the bar once again for commericial inverter reliability, ease of installation and lifetime maintainability, while delivering best-in-class 97.0% CEC efficiency. High reliability is enabled by market-leading features including busbar power connections, redundant cooling system, card cage circuit board design and the widest temperature rating of any inverter in its class. The highly integrated system saves installers time and money by including load break rated AC & DC service disconnects, neutral-free installation, oversized busbar landings and generous cable bending area for bottom and side cable entry options.

Superior Reliability

Redundant cooling system with Smart Air Management™

Low parts count reduces potential failure points

Engineered busbar power connections

Card cage circuit board system minimizes eletronic interconnections

Exceptional Installability

Bottom and side entry with generous bending area and oversized busbar landings

Large DC sub-combiner compartment with multiple fuse options from 70A to 400A

Optional full power output at 265 VDC enables more PV array design options

Exterior mounting flanges for fast and easy anchoring with no pre-drilling

Easy to Maintain

All maintenance and service via front access

Fast change circuit board system shortens service time

Load break rated AC and DC service disconnects

PV Powered and Solaron products built in the U.S. are fully compliant with the Buy American Act and qualify for projects funded by the federal stimulus package.

The PVP260kW has a standard 295VDC minimum MPPT and an optional full power 265VDC minimum MPPT - the lowest MPPT voltage of any commercial inverter in the industry. This low input voltage option enables exceptional stringing capability with all PV module technologies including thin film modules.

PV Powered backs all its commercial inverters with an industry-leading 10-year nationwide warranty and an unprecedented optional 20-year warranty; plus the best service and support team in the business.

Specifications

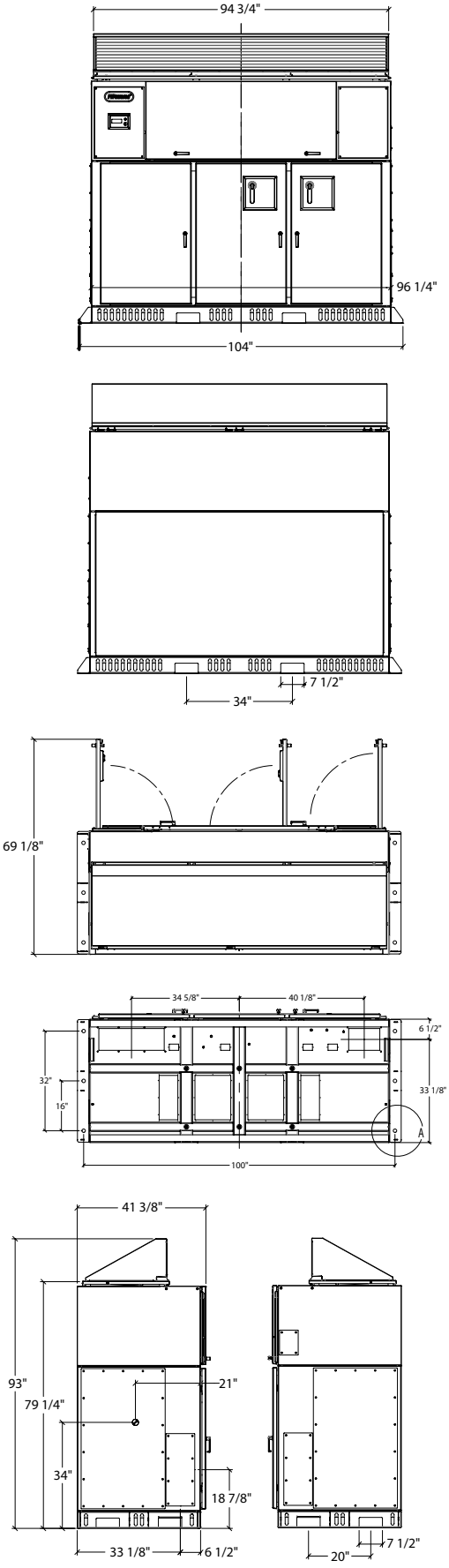
Model	PVP260kW	PVP260kW-LV
Electrical Specifications		
Continuous Output Power (kW)	260kW	260kW
Weighted CEC Efficiency (%)	97.0%	96.5%
Maximum DC Input Voltage (VDC)	600	600
DC Peak Power Tracking Range (V)	295-595	265-595
DC Imp Nominal Current (A)	918	1022
AC Nominal Voltage (V)	480Y	480Y
AC Operating Range (V)	422-528	422-528
AC Frequency Range (Hz)	59.3-60.5	59.3-60.5
AC Maximum Continuous Current (A)	316	316
Standby Losses (W)	67	67
Harmonic Distortion (%THD)	<3%	<3%
Power Factor	>.99	>.99
Mechanical Specifications		
Enclosure	NEMA 4	NEMA 4
Construction	Powder Coated Steel	Powder Coated Steel
Mounting	Pad Mount	Pad Mount
Weight (lbs)	4,800	4,800
Cooling	Forced Convection	Forced Convection
Operating Ambient Temperature Range (°C)	-30 to 50	-30 to 50
Standby/Storage Ambient Temperature Range (°C)	-40 to 60	-40 to 60
Isolation Transformer	Yes	Yes
Options	Complete range of integrated fused sub-array combiners from 4 to 20 fuses and from 70 to 200 Amps	
	Fused subcombiners with monitoring: 8 x 200A, 16 x 100A	
	Integrated revenue grade meter	
	Third party integrated data monitoring solutions	
	Preventative maintenance program	
	20-Year extended warranty	
Agency Approvals	UL 1741, IEEE519, IEEE929, IEEE1547, CSA 107.1-1 FCC Class A for conducted and radiated	

Performance Monitoring

Increase uptime and reduce maintenance costs with inverter-integrated monitoring solutions from market-leading third party partners. Each engineered solution is housed on a UL508A panel to deliver the highest level of safety and reliability. With optional revenue grade meter and subcombiner monitoring, PV Powered offers unprecedented choice and convenience.

DECK Monitoring · DRAKER LABORATORIES · SolarMagic by National Semiconductor · Fat Spaniel TECHNOLOGIES

Dimensions



Specifications are subject to change without notice.

ADVANCED ENERGY®
Advanced Energy Industries, Inc. • 20720 Brison Blvd. PO Box 7348 • Bend, 97708 OR U.S.A.
T: 877.312.3832 • sales.support@aei.com • *www.advanced-energy.com/renewables*
Please see www.advanced-energy.com for worldwide contact information.

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