

PowerGate® Plus Solar PV Inverters

Specifications			30 kW	50 kW	75 kW	100 kW	135 kW	150 kW	225 kW	250 kW	375 kW	500 kW	1 MW
Full-Power MPPT DC Input Range (V DC)	US	305–600	o	o									
		315–600			o	o							
		320–600					o		o	o	o	o	
	EU	430–850				o		o		o		o	o
Low Voltage Tap Line ¹		20%	o	o	o	o	o	o	o	o	o	o	
Maximum Voc (V DC)	UL	600	o	o	o	o	o		o	o	o	o	
	CE	900				o		o		o		o	o
Nominal Frequency Range (Hz)	US	59.5–60.5	o	o	o	o	o		o	o	o	o	o
	EU	49.5–50.5				o		o		o		o	o
AC Voltage Range Set Points		+/- 10%	o	o	o	o	o	o	o	o	o	o	o
Power Factor = Unity		>0.99	o	o	o	o	o	o	o	o	o	o	o
Harmonic Distortion		<3% THD	o	o	o	o	o	o	o	o	o	o	o
Efficiency w/ Transformer (CEC)		95%	o										
		95.5%		o					o				
		96%–97%			o	o	o	o		o	o	o	
Efficiency w/o Transformer		97%–98%						o		o		o	o
Forced Air Cooling			o	o	o	o	o	o	o	o	o	o	o
Noise Level		<65 dB(A)	o	o	o	o	o	o	o	o	o	o	o
Ambient Temperature Range (°C)		-20 to +50	o	o	o	o	o	o	o	o	o	o	o
Enclosure Rating		NEMA 3R	o	o	o	o	o	o	o	o	o	o	o
Cabinet Finish (16-Gauge, Powder-Coated Steel)			o	o	o	o		o		o	o	o	o
Base and Door Finish (14-Gauge Powder-Coated Steel)			o	o	o	o		o		o	o	o	o
Cabinet, Base, and Door Finish (11-Gauge, Powder-Coated Steel)							o		o				
Seismic Rating		Zone 4	o	o	o	o	o	o	o	o	o	o	o

¹ Accommodates low solar array voltages by reducing minimum input voltage requirements by 20%.

Specifications are subject to change without notice.

o Standard o Optional

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