

Technical Specs

Model Number	PP2-DC-10	PP2-DC-15	PP2-DC-20
Battery Input Data			
Usable Capacity (kWh)	10	15	20
Battery Type	LiFePO ₄ (LFP)		
Battery Voltage Range (V)	100~200		
Max. Charging Current (A)	50		
Max. Discharging Current (A)	50		
PV String Input Data			
Max. DC Input Power (W)	11400		
Max. DC Input Voltage (V)	600		
MPPT Range (V)	80~550		
Start-up Voltage (V)	95		
MPPT Range for Full Load (V)	230~500		
Nominal DC Input Voltage (V)	380		
Max. Input Current (A)	12.5		
Max. Short Current (A)	15.2		
No. of MPP Trackers	4		
AC Output Data (On-grid)			
Output Voltage Range (VAC)	211 to 264 @240		
Nominal Output Frequency (Hz)	60		
Max. Output to Grid (W)	5760	7600	7600
Max. Output from Grid (W)	5760	9120	9120
Continuous Output to Grid (A)	24	31.7	31.7
AC Output Data (Back-up)			
Nominal Output Voltage L1-L2/L-N(VAC)	120/240		
Continuous Output @240V (W)	5760	7600	7600
Peak Output @240V (W)	5760, 60 sec	9120, 60 sec	9210, 60 sec
Efficiency			
PV Max. Efficiency	97.6%		
PV CEC Efficiency	97.2%		
Battery Charged by PV Max. Efficiency	98.1%		
Battery Charge/Discharge to AC Max. Efficiency	96.6%		
General Data			
Operating Temperature Range	0°C~50°C / 32°F~122°F		
Relative Humidity	0~95%		
Operating Altitude	3000m		
Noise (dB)	<45		
Communication with PowerHub	Electriq Power 4G (Add-On), WiFi (Coming Soon)		
Weight	346 lb (157 kg)	460 lb (208 kg)	580 lb (263 kg)
Size (W*H*D)	27.5" x 50" x 9" (Battery) & 18" x 33.7" x 6" (Inverter)	60" x 50" x 9" (Battery) & 18" x 33.7" x 6" (Inverter)	60" x 50" x 9" (Battery) & 18" x 33.7" x 6" (Inverter)
Operating Modes	Backup, TOU & Self-Supply		
Protection Degree	NEMA 3R		
Standby Self-Consumption (W)	<20		
Standard Warranty	10 Years		
Certifications & Standards			
Grid Regulation	UL1741 SA (CA Rule 21), UL9540, UL9540A, HECO Rule 14, IEEE 1547, IEEE 1547.1, CSA 22.2		

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