

PowerPod 2

DC-Coupled

Introducing the all new Electriq PowerPod 2, an all-in-one solution with even more power output than before. Experience longer-lasting battery life, increased reliability and enhanced safety with Lithium Iron Phosphate (LiFePO₄) cells.



[10 kWh Model Shown]



LFP BATTERIES

LiFePO₄ chemistry means longer battery life and increased safety.



7.6 kW OUTPUT

Now with 7.6 kW of maximum power output to fill your every day energy needs.



OUTDOOR RATED

NEMA 3R rated enclosures for complete flexibility in the installation location.



BACKUP POWER SECURITY

When grid power goes down, maintain power to critical items such as refrigerators, computers, TVs, lights, and garage doors.



BUILT-IN INTERNET CONNECTIVITY

Always connected to the internet for easier commissioning and reliable communication even during power outages. No dependency on Wi-Fi for system operation, grid services and maintenance.



ON/OFF GRID

Supports autonomous off-grid applications and is a complete resilient solution when paired with solar.



GRID SERVICES

OpenADR 2.0b-certified solution that is ready for your ADR programs. For the immediate aggregation of an existing fleet of storage systems, PowerADR is another option.



HOME ENERGY MANAGEMENT

Automated cost saving through energy rate arbitrage and system power flow control.



[20 kWh Model Shown]

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)		
Nominal, Battery Voltage Range (V)	102.4 VDC (89.6 - 115.2 VDC)	153.6 VDC (134.4 - 172.8 VDC)	204.8 VDC (179.2 - 230.4 VDC)
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		
Continuous Output to Grid (A)	20.8	31.7	31.7
AC Output Data (Back-up)			
Nominal Output Voltage L-N/L1-L2 (VAC)	120/240		
Continuous Output @240V (W)	5120	7600	7600
Peak Output @240V (W)	5760, 60 sec	8640, 60 sec	9120, 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	-20°C~55°C / -4°F~131°F		
Relative Humidity	0~95%		
Operating Altitude	3000m		
Noise (dB)	<45		
Communication (Built-in)	Electriq Power 4G Cellular Communication, WiFi		
Weight	530 lb (240 kg)	725 lb (329 kg)	925 lb (420 kg)
Size (W*H*D)	27.5" x 50" x 9" (Battery) & 18" x 33.7" x 7" (Inverter)	60" x 50" x 9" (Battery) & 18" x 33.7" x 7" (Inverter)	60" x 50" x 9" (Battery) & 18" x 33.7" x 7" (Inverter)
Operating Modes	Backup, TOU & Self-Supply		
Rating	NEMA 3R		
Standard Warranty	10 Years		
Certifications & Standards			
Grid Regulation	UL1741 SA (CA Rule 21), UL9540, HECO Rule 14, IEEE 1547, IEEE 1547.1, CSA 22.2		

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