



PowerPod 2

DC - Coupled

Introducing the Electriq PowerPod 2, an integrated residential battery storage system that helps homeowners lower energy costs and be prepared for utility power outages.



[20 kWh Model Shown]



[10 kWh Model Shown]



7.6kW OUTPUT

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



GRID SERVICES

For standards-based ADR programs, the PowerPod2 is OpenADR certified and ready for ADR program integration. For rapid creation of new ADR programs, Electriq Power's own PowerADR is an easy and efficient alternative for Grid Services.



LFP BATTERIES

LiFePO₄ chemistry means longer battery life and increased safety.



BACKUP POWER

During a utility power outage, the PowerPod2 can provide backup power to homes, ensuring essential loads stay powered, keeping homeowners and their families safe.



OUTDOOR RATED

NEMA 3R rated enclosures allow for indoor and outdoor installations.



HOME ENERGY MANAGEMENT

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



BUILT-IN INTERNET CONNECTIVITY

PowerPod2 is always connected to the internet, allowing for easier commissioning and reliable communication. No dependency on Wifi for system operation, grid services or maintenance.

Technical Specs

Product	PP2-DC-10	PP2-DC-15	PP2-DC-20
Part NO		300-1013 or 350-101C	
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 (Backup)			
Nominal Output Voltage L-N/L-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			
Battery Charge/Discharge to AC Max Efficiency	97.6%		
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 with PowerHub	Electric Power 4G Cellular Communication, Ethernet		
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, UL9540A, HECO Rule 14, IEEE 1547, IEEE 1547.1, CSA 22.2		