

# PowerPod 2 AC - 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 (LiFePO<sub>4</sub>) cells.





[20 kWh Model Shown]



#### **BACKUP POWER SECURITY**

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



### ON/OFF GRID

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



#### **OUTDOOR RATED**

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



#### 7.6kW OUTPUT

LFP BATTERIES

and increased safety.

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

LiFePO, chemistry means longer battery life



#### HOME ENERGY MANAGEMENT

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



#### **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.



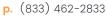
#### BUILT-IN INTERNET CONNECTIVITY

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.

## **Technical Specs**

<b>Product</b> Part NO	PP2-AC-10	<b>PP2-AC-15</b> 300-1013 or 350-10LC	PP2-AC-20
Battery Input Data			
Usable Capacity (kWh)	10	15	20
Battery type		LiFePO <sub>4</sub> (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		
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 (On-grid)			
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			
Battery Charge/Discharge to AC Max. Efficiency	96.6%		
CEC Efficiency	96.1%		
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	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, UL9540A, HECO Rule 14, IEEE 1547, IEEE 1547.1, CSA 22.2		





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