

# PowerPod 2

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.



[10 kWh Model Shown]



## LFP BATTERIES

LiFePO<sub>4</sub> 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. An autostart generator integration option is available.



## 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

## PP2-DC-10/15/20

<b>Battery Input Data</b>	
Usable Capacity (kWh)	10, 15, 20
Battery Type	LiFePO <sub>4</sub> (LFP)
Battery Voltage Range (V)	100~200
Max. Charging Current (A)	50
Max. Discharging Current (A)	50
<b>PV String Input Data</b>	
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
<b>AC Output Data (On-grid)</b>	
Output Voltage Range (VAC)	211 to 264 @240
Nominal Output Frequency (Hz)	60
Max. Output to Grid (W)	7600
Max. Output from Grid (W)	9120
Continuous Output to Grid (A)	31.7
<b>AC Output Data (Back-up)</b>	
Nominal Output Voltage L1-L2/L-N(VAC)	120/240
Continuous Output @240V (W)	7600
Peak Output @240V (W)	9120, 60 sec
<b>Efficiency</b>	
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%
<b>General Data</b>	
Operating Temperature Range	0°C~50°C / 32°F~122°F
Relative Humidity	0~95%
Operating Altitude	3000m
Noise (dB)	<45
Communication with PowerHub	WiFi; Electric Power 4G (Add-On)
Weight	346 lb (157 kg)
Size (W*H*D)	27.5" x 50" x 9" (Battery) & 18" x 33.7" x 6" (Inverter)
Operating Modes	Backup, TOU, Self-Supply, Zero Export
Protection Degree	NEMA 3R
Standby Self-Consumption (W)	<20
Standard Warranty	10 Years
<b>Certifications &amp; Standards</b>	
Grid Regulation	UL1741 SA, UL9540 (Pending), CA Rule 21, HECO Rule 14, IEEE 1547, IEEE 1547.1, CSA 22.2

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