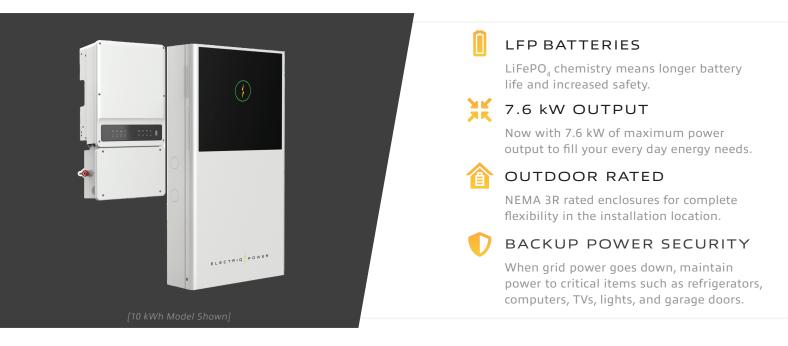
ELECTRIQ

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.



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)	Electric	Power 4G Cellular Communication	on, 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) &	60" x 50" x 9" (Battery) &	60" x 50" x 9" (Battery) &
	18" x 33.7" x 7" (Inverter)	18" x 33.7" x 7" (Inverter)	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 2	1), UL9540, HECO Rule 14, IEEE 1547,	IEEE 1547.1, CSA 22.2