



IP65 protection

51.2V 208Ah 10.65kWh

The ECO 10.0 Plus is a wall-mounted home battery with LiFePO₄ electrochemical technology. The actual voltage is 51.2V, which can be expanded by connecting in parallel, and the IP65 waterproof rating meets all installation environments, making it the best choice for home backup.



Modular and scalable



Maximum 16 in parallel



6000 Cycle Life @80% DOD



10-year warranty & technical support



30 days delivery period



For on-grid and off-grid



UL standard battery module



Compatible with multiple inverters



Safe and reliable LiFePO₄

Technical Specification

51.2V 208Ah 10.65kWh Battery

Model		ECO 10.0 Plus
Battery Type		LiFePO4
Nominal Voltage (V)		51.2
Nominal Capacity (Wh)		10650
Usable Capacity (Wh)		9585
Cell & Method		16S2P
Dimension(mm)		519*762*148
Weight(Kg)		85±3
Discharge Voltage(V)		43.2
Charge Voltage(V)		56.8
Charge	Rate. Current / Power	90A / 4.60kW
	Max. Current / Power	100A / 5.12kW
Discharge	Rate. Current / Power	90A / 4.60kW
	Max. Current / Power	100A / 5.12kW
Communication		RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)
Depth Of Discharge(%)		80%
Expansion		Up to 16 units in parallel
Working Temperature	Charge	0~55°C
	Discharge	-20~55°C
Storage Temperature		0~35°C
Short Circuit Current/Duration Time		350A, Delay time 500µs
Cooling Type		Nature
Protection Level		IP65
Monthly Self-discharge		≤ 3%/month
Humidity		≤ 60% ROH
Altitude(m)		< 4000
Warranty		10 Years
Design Life		> 15 Years (25°C / 77°F)
Cycle Life		> 6000 cycles, 25°C
Certification & Safety Standard		UN38.3, IEC62619, UL1973



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