

## COMPARISON OF EcoWatt LiFePO4 AND LEAD-ACID



### Technical Characteristics

Model	EcoWatt LiFePO4 Smart BMS 12.8V 100Ah	Lead-Acid Battery 200Ah
Usable Capacity	1280Wh	1200Wh
Usable Energy (% of the nominal capacity)	100%	40-60%
Dimension	330 x 172 x 223 mm	522 x 240 x 222 mm
Weight	12.6kg	60kg
Life Cycle	>4000	500-800
Life Time	5-10 Years	<2 Years
Deep Discharge	Yes, 100%	No, 50% Suggested
Self Discharge	< 3%/Month	>10%/Month
Power Display	✓	✗
Battery Management System	✓	✗
Protection	Overvoltage, Over Current Protection Build-in	No
Environmentally	Eco-friendly, Easy To Recycle	Toxic Heavy Metals, Pollution