



Enerdrive

DRIVING YOUR ENERGY NEEDS



MODEL: EPL-100AH-12V		
Nominal Capacity	100Ah	1280Wh
Nominal Voltage	12.8V	
Life Cycles*	80% DOD	≥2000 Cycles
Self-Discharge Rate	≤3%	
Weight	19kg Approx	
Dimensions-mm LxWxH	411x135x268	
	Charge	Discharge
	Mode: CC&CV	
Max & Min Voltage	15V	11.5V
Standard Current	0.3C,33A	0.3C,33A
Max Constant Current	2C,200A	3C,300A
Operating Temperature	0°C-+45°C	-20°C-+60°C
Max Charge Voltage	14.20V	
Float Voltage	13.50V	
*Life cycles is a prediction only under perfect conditions real world applications environment may change these figures.		

Cell Balancing & Protection Inf

Nominal Cell Voltage: 3.2-3.4V

Bypass Voltage: 3.60V (Bypass shunt will switch on)

Max. Bypass Current: 1000mA

Power Consumption: < 2.5mA @ 3.2

LED Indicators: Green (ON=OK), Red (ON=Bypass active) Not viewable in battery Bt

Safety Limits: 2.6V < OK < 4.0V

Current Loop Relay: Normally closed when cell voltage is within the safety limits.

Max Signal current: 100mA (non-polarized) maximum

Max height above terminal bolts: zero

Environmental: Epoxy encapsulated against dust and moisture ingress.

Gold plated negative termin

EPL-100AH-BATT

