



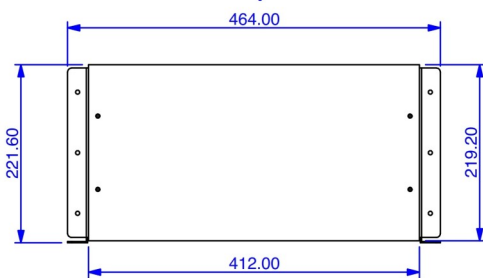
Enerdrive

DRIVING YOUR ENERGY NEEDS

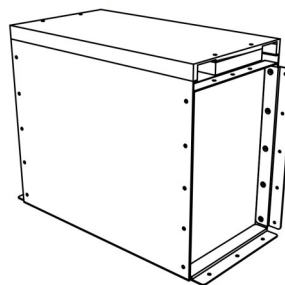


MODEL: EPL-300AH-12V Compact		
Nominal Capacity	300Ah	3840Wh
Nominal Voltage	12.8V	
Life Cycles*	80% DOD	≥1500 Cycles
Self-discharge Rate	≤3%	
Weight	50kg Approx	
Dimensions-mm LxWxH	412x219x343	
	Charge	Discharge
	Mode: CC&CV	
Max & Min Voltage	15V	11.5V
Standard Current	0.3C,90A	0.3C,90A
Max Constant Current	1C,300A	1C,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 and environment may change these figures.		

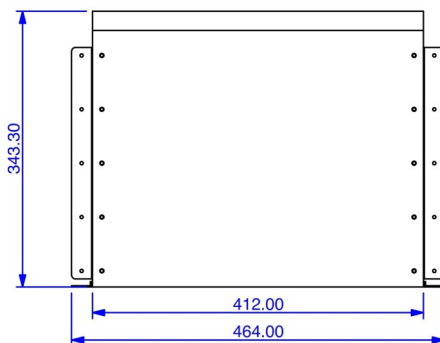
Top



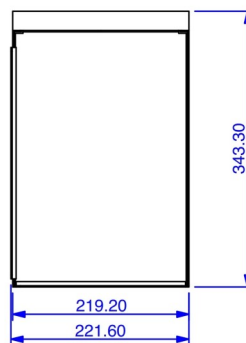
Perspective



Front



End



Active Cell Balancing & Protection

Balancer Type: Active (Cell to Cell)

Balancing Method: Dynamic Energy Transfer

Working Voltage Range: 2.0V ~ 4.2V

Low - Hi Cell Voltage Protection: 2.5V ~ 3.8V

Power Consumption: <50mW (<0.004A)

Acceptable Constant Balance current: 6A

Peak Balance current: 10A

Voltage Variance Between Cells: <100mV

Working Efficiency: >94%

Working Temperature: -40 ~ +80°C

Storage Temperature: -40 ~ +100°C