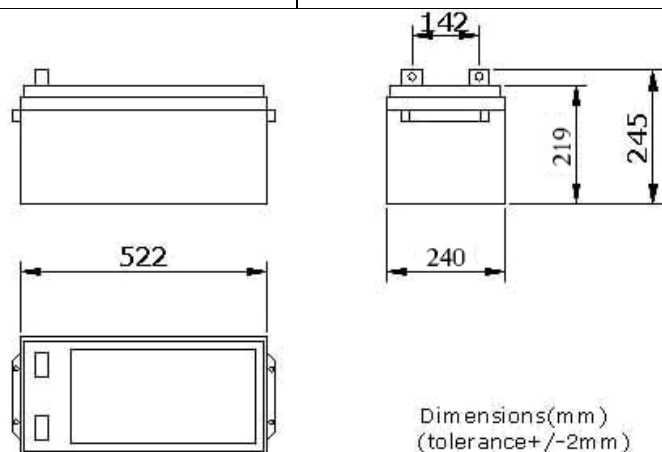
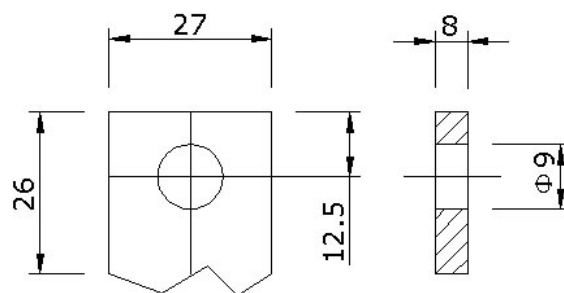


PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity (10HR)		12V 200Ah
Dimension	Length	522±2mm (19.09 inches)
	Width	240±2mm (6.77 inches)
	Container Height	219±2mm (9.45 inches)
	Total Height	245±2mm (9.45 inches)
Weight		Approx. 64.3 Kg (141.59lbs)
Standard Terminal		Bolt-and-nut Lead terminal Bolt Type: M8



Bolt-and-nuts lead terminal
Bolt Type: M8



ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25 (77 °F)																																					
Capacity	10 hour rate (20A) 5 hour rate (34A) 3 hour rate (50A) 1hour rate (120A)	200Ah 170Ah 150Ah 120Ah	Discharge Characteristics(25°C/77 ° F) <table border="1"><caption>Approximate data points from the discharge curves graph</caption><thead><tr><th>Discharge Rate (A)</th><th>Time (min)</th><th>Voltage (V)</th></tr></thead><tbody><tr><td>10</td><td>0</td><td>12.8</td></tr><tr><td>10</td><td>20</td><td>12.6</td></tr><tr><td>20</td><td>0</td><td>12.7</td></tr><tr><td>20</td><td>10</td><td>12.5</td></tr><tr><td>34</td><td>0</td><td>12.6</td></tr><tr><td>34</td><td>5</td><td>12.3</td></tr><tr><td>50</td><td>0</td><td>12.5</td></tr><tr><td>50</td><td>3</td><td>12.0</td></tr><tr><td>120</td><td>0</td><td>12.4</td></tr><tr><td>120</td><td>1</td><td>12.1</td></tr><tr><td>120</td><td>1</td><td>11.8</td></tr></tbody></table>		Discharge Rate (A)	Time (min)	Voltage (V)	10	0	12.8	10	20	12.6	20	0	12.7	20	10	12.5	34	0	12.6	34	5	12.3	50	0	12.5	50	3	12.0	120	0	12.4	120	1	12.1	120	1	11.8
Discharge Rate (A)	Time (min)	Voltage (V)																																						
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50	3	12.0																																						
120	0	12.4																																						
120	1	12.1																																						
120	1	11.8																																						
Capacity affected by temperature	40 (104 °F) 25 (77 °F) 0 (32 °F)	102% 100% 85%																																						
Internal Resistance	Full charged battery (25 ,77 °F) 3.5mΩ																																							
Designed life	720 Cycles 50% D.O.D (25)																																							
Constant Voltage Charge	Cycle	Initial Charging Current less than 50A Voltage 14.1~14.4V at 25 (77 °F) Temperature Coefficient -30mV/																																						
	Standby	No limit on Initial Charging Current Voltage 13.5~13.8V at 25 (77 °F) Temperature Coefficient -20mV/																																						