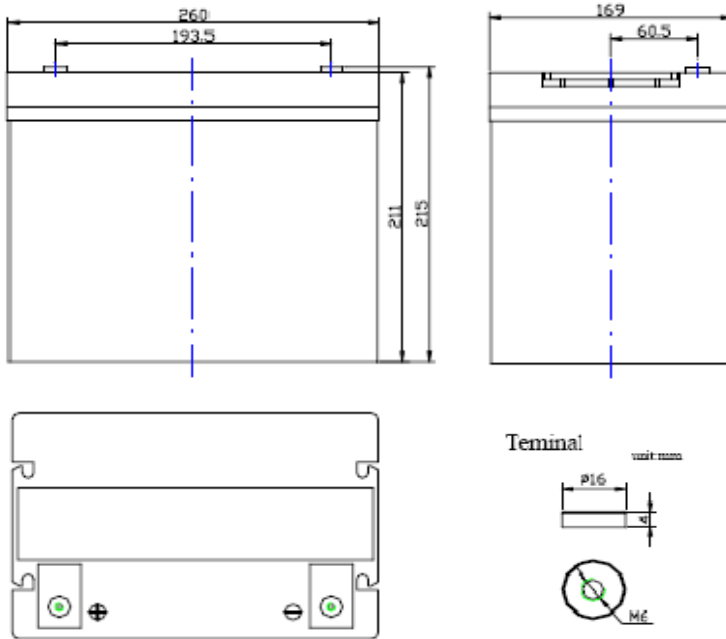
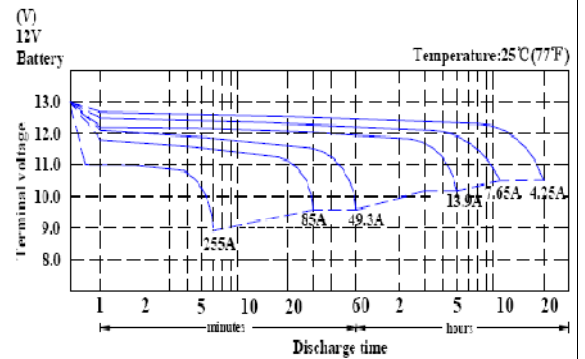


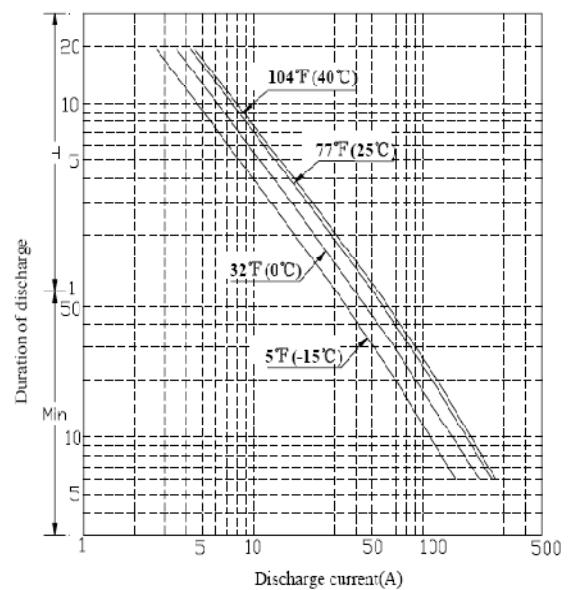
DEEP CYCLE BATTERIES



Discharge characteristics 25°C (77°F)



Duration of discharge vs. Discharge current



Specification

Nominal Voltage	12 V	
Nominal Capacity (20 Hr)	85 Ah	
Dimension	Length	260±1 mm (10,24 inches)
	Width	169±1 mm (6,69 inches)
	Container Height	211±1 mm (8,31 inches)
	Total Height (with terminal)	215±1 mm (8,46 inches)
Approx Weight	Approx 25,1 kg (55,34 lbs)	
Terminal	M6	
Container Material	ABS	
Rated Capacity	85 Ah	20 hr (4,25 A to 10,5 V)
	76,5 Ah	10 hr (7,65 A to 10,5 V)
	69,5 Ah	5 hr (13,9 A to 10,2 V)
Max Discharge Current	1.000 A (5 s)	
Internal Resistance	Approx 5,3 mΩ	
Operating Temperat. Range	Discharge	-15÷50°C (5÷122°F)
	Charge	0÷40°C (32÷104°F)
	Storage	-15÷40°C (5÷104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 17 A or smaller 14,5÷14,9V at 25°C (77°F) Temperature Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13,6÷13,8 V at 25°C (77°F) Temperature Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
Self Discharge	Enerpower DC series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
	Capacity after 3 month storage : 91%	
	Capacity after 6 month storage : 82%	
	Capacity after 12 month storage : 64%	

Constant Current Discharge Rating Amperes @ 25°C (77°F)

Cut off voltage V/cell	15 min	30 min	45 min	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr	12 hr	20 hr	24 hr
1,75 V	123,0	79,0	58,0	48,30	25,60	19,20	13,50	9,20	7,65	6,52	4,25	3,56