



PHYSICAL SPECIFICATION

Nominal Voltage	12V	
Nominal Capacity (20Hr)	24Ah	
Dimension	Length	176 ±2mm
	Width	166 ±2mm
	Container Height	125 ±2mm
	Total Height	125 ±2mm
Drawing 400250-0	Weight 8,5 Kg ± 5%	
Standard Terminal	Bolt Type: M5	

Bolt-and-nut terminal
Bolt Type: M5

(in mm)

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)	
Capacity	20 hour rate	24,00Ah		
	10 hour rate	22,00Ah		
	5 hour rate	19,00Ah		
	3 hour rate	16,95Ah		
	1 hour rate	13,50Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 10,2 mΩ±10%		SCC 530 A ±10%		
Constant Voltage Charge	Cycle	Initial Charging Current less than 7,2A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C		
	Standby	No limit on Initial Charging Current Voltage 13,60~13,80V at 20°C Temperature Coefficient -20 mV/°C		

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 25°C

Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9.9V	A	82,78	44,66	24,59	13,44	11,08	9,36	5,66	3,88	2,68	2,31
	W	120,70	70,41	49,78	31,80	23,21	18,55	13,85	8,99	6,08	5,02
10.2V	A	82,01	44,20	23,85	13,43	9,10	7,69	5,65	3,87	2,66	2,28
	W	111,96	69,64	46,34	31,10	22,71	18,14	12,91	8,86	5,99	4,96
10.8V	A	77,00	38,50	22,66	13,11	8,88	7,51	5,58	3,80	2,62	2,20
	W	102,72	64,13	42,91	28,80	21,02	16,80	12,22	8,52	5,76	4,80