



FLL 12-70

PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20Hr)		70Ah
Dimension	Length	350 ±2mm
	Width	167 ±2mm
	Container Height	178 ±2mm
	Total Height	178 ±2mm
Drawing 400241-0		Weight 22,8 Kg ± 5%
Standard Terminal		Bolt Type: M6
<p>Bolt-and-nut terminal Bolt Type:M6</p> <p>(in mm)</p>		

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	20 hour rate	70,00Ah	<p>Discharge Characteristics(25°C/77 °F)</p>
	10 hour rate	65,00Ah	
	5 hour rate	56,20Ah	
	3 hour rate	50,04Ah	
	1 hour rate	39,90Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 7,5 mΩ ±10%		SCC 1720 A ±10%	
Constant Voltage Charge	Cycle	Initial Charging Current less than 21 A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C	
	Stand by	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	244,56	131,95	72,64	39,70	32,73	27,66	16,72	11,47	7,91	6,83
	W	397,53	221,82	142,25	93,74	68,43	53,17	38,66	26,98	18,24	15,05
10.2V	A	242,29	130,59	70,47	39,67	26,87	22,71	16,68	11,42	7,87	6,72
	W	369,79	217,39	135,95	88,99	64,96	52,92	38,48	26,58	17,97	14,88
10.8V	A	227,50	113,75	66,95	38,74	26,25	22,18	16,50	11,24	7,75	6,50
	W	308,16	192,38	128,74	86,40	63,07	50,40	36,65	25,56	17,28	14,40