



PHYSICAL SPECIFICATION

Nominal Voltage	12V	
Nominal Capacity (20Hr)	17Ah	
Dimension	Length	181 ±2mm
	Width	77 ±2mm
	Container Height	167 ±2mm
	Total Height	167 ±2mm
Drawing 400249-0	Weight 5,5 Kg ± 5%	
Standard Terminal	Bolt Type: M5	

Technical drawings of the FLL 12-17 battery. The top drawing shows the battery with dimensions: length 181±2, width 77±2, and total height 167±2. It also shows the terminal with an M5 bolt and nut. The bottom drawing shows the battery with dimensions: length 152±2, width 77±2, and height 158±2. It also shows the terminal with an M5 bolt and nut. The drawings include labels for 'inserto filettato M5 / threaded insert M5', 'colour of box and lid green', 'colour of silkscreen white', 'date of production', 'site of production', 'year of production', and 'month of production'.

Bolt-and-nut terminal
Bolt Type:M5

(in mm)

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)	
Capacity	20 hour rate	17,00Ah	<p>Discharge Characteristics(25°C/77 °F)</p>	
	10 hour rate	15,00Ah		
	5 hour rate	12,95Ah		
	3 hour rate	11,55Ah		
	1 hour rate	9,21Ah		
Capacity affected by temperature	40°C	102%	<p>Loading Voltage</p> <p>Discharge Time (min) (h)</p>	
	20°C	100%		
	0°C	85%		
Internal Resistance 15,3 mΩ±10%		SCC 350 A ±10%		
Constant Voltage Charge	Cycle	Initial Charging Current less than 5,1A 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	56,44	30,45	16,76	9,16	7,55	6,38	3,86	2,65	1,82	1,58
	W	106,46	52,28	31,32	20,22	15,62	12,48	8,68	5,08	4,09	3,38
10.2V	A	55,91	30,14	16,26	9,15	6,20	5,24	3,85	2,64	1,82	1,55
	W	98,76	51,70	29,16	19,78	15,28	12,21	8,09	5,01	4,03	3,34
10.8V	A	52,50	25,25	15,45	8,94	6,06	5,12	3,81	2,59	1,79	1,50
	W	90,6	47,61	27,00	18,31	14,15	11,31	7,66	4,87	3,88	3,23