



FLL 12-150

PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity (20Hr)		12V 150Ah
Dimensions	Length	485 ±2mm
	Width	172 ±2mm
	Total Height	240 ±2mm
Drawing n°400199-0		Weight 45,5 Kg ±5%
Standard Terminal		Bolt Type: M8

<p>colours of box and lid green colours of silkscreen white</p> <p>attacchi per maniglie di sollevamento/ fits for lifting handles</p> <p>date of production month of production year of production site of production</p>	<p>Bolt-and-nut terminal Bolt Type:M8</p> <p>(in mm)</p>
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ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 20°C	
Rated Capacity	20 hours rate 1,8Vpc at 20°C	150,00Ah	<p>Discharge Characteristics(25°C/77 °F)</p>	
	10 hours rate 1,8Vpc at 20°C	135,00Ah		
	5 hours rate 1,7Vpc at 20°C	118,60Ah		
	3 hours rate 1,7Vpc at 20°C	103,95Ah		
	1 hour rate 1,6Vpc at 20°C	84,50Ah		
Capacity affected by temperature	40°C	102%	<p>Loading Voltage</p> <p>Discharge Time</p>	
	20°C	100%		
	0°C	85%		
Internal Resistance 3,8 mΩ ±10%		SCC 3200 A ±10%		
Constant Voltage Charge	Cycle use	Initial Charging Current less than 45 A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C		
	Stand-by use	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 20°C

Final V./Time		10min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9.9V	A	267,25	214,05	142,87	83,45	67,98	54,46	34,72	23,82	16,42	14,18
	W	471,24	385,12	266,02	166,30	142,57	94,18	80,25	54,01	37,99	31,25
10.2V	A	249,15	200,22	134,36	82,38	55,82	38,18	34,65	23,72	16,35	13,97
	W	443,20	363,90	253,22	162,40	135,34	101,25	76,17	52,38	36,44	30,96
10.8V	A	193,20	159,25	113,05	72,46	54,51	47,55	34,26	23,34	16,09	13,50
	W	358,02	299,10	216,10	141,10	131,40	105,00	71,05	48,45	34,20	29,01