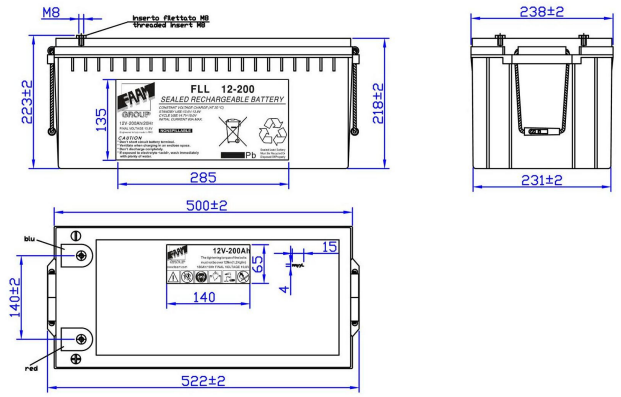
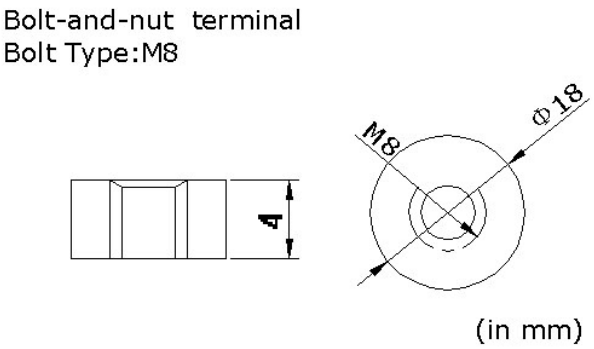
FLL 12-200

PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity (20Hr)		12V 200Ah
Dimensions	Length Width Box Height Total Height	522 ±2mm 240 ±2mm 218 ±2mm 224 ±2mm
Drawing n°400214-2		Weight 62,5 Kg ±5%
Standard Terminal		Bolt Type: M8



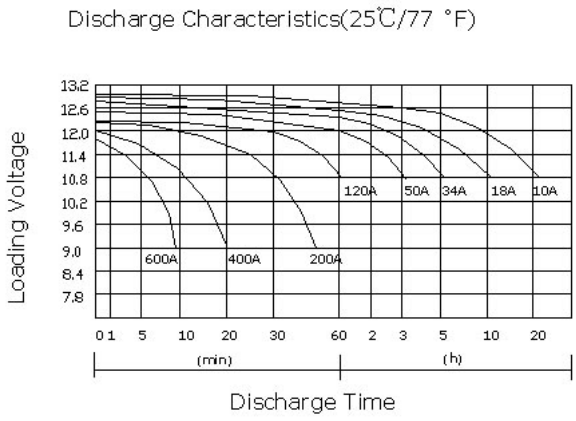


ELECTRICAL SPECIFICATION

Characteristics

Rated Capacity	20 hours rate 1,8Vpc at 20°C 10 hours rate 1,8Vpc at 20°C 5 hours rate 1,7Vpc at 20°C 3 hours rate 1,7Vpc at 20°C 1 hour rate 1,6Vpc at 20°C	200,00Ah 180,00Ah 158,15Ah 138,60Ah 110,50Ah
Capacity affected by temperature	40°C 20°C 0°C	102% 100% 85%
Internal Resistance 3,4 mΩ ±10%	SCC 3500 A ±10%	
Constant Voltage Charge – Cycle use	Initial Charging Current less than 60 A Voltage 14,70~15,00V at 20°C Temperature Coefficient –30 mV/°C	
Constant Voltage Charge – Stand-by use	No limit on Initial Charging Current Voltage 13,60~13,80V at 20°C Temperature Coefficient –20 mV/°C	

Discharge curves @ 20°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	/	355,40	201,16	109,93	91,64	74,61	47,30	32,75	21,89	18,90
	W	/	616,16	412,15	260,40	185,09	147,70	105,40	67,93	48,66	40,81
10.2V	A	440,11	344,62	195,15	108,84	84,42	62,90	46,20	31,63	21,80	18,62
	W	774,20	603,87	401,63	247,20	180,46	142,00	100,89	65,84	47,92	40,03
10.8V	A	367,20	295,00	185,40	107,28	82,68	61,43	44,68	30,12	21,46	18,00
	W	672,02	534,40	387,60	239,10	175,20	133,80	95,80	63,30	46,90	39,10