



FLG 6-200

PHYSICAL SPECIFICATION

Nominal Voltage		6V
Nominal Capacity (10Hr)		200Ah
Dimensions	Length	321 ±2mm
	Width	176 ±2mm
	Container Height	224 ±2mm
	Total Height	231 ±2mm
Drawing n° 4 00244-1		Weight 32,5 Kg ± 5%
Standard Terminal		Bolt Type: M8
		<p>Bolt-and-nut terminal Bolt Type:M8</p> <p>(in mm)</p>

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	10 hour rate	200,00Ah	<p>Discharge Characteristics(25°C/77 ° F)</p>
	8 hour rate	192,24Ah	
	5 hour rate	172,90Ah	
	3 hour rate	153,99Ah	
	1 hour rate	104,97Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 3,4 mΩ ±10%		SCC 4000 A ±10%	
Constant Voltage Charge	Cycle	Initial Charging Current less than 50 A Voltage 7,2~7,5V at 20°C Temperature Coefficient -30 mV/°C	
	Stand by	No limit on Initial Charging Current Voltage 6,7~6,9V 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
4,95V	A	302,63	214,65	150,23	127,09	100,71	85,12	51,44	35,28	24,32	21,00
	W	736,66	553,80	364,95	234,64	190,07	143,20	94,32	64,77	48,43	40,54
5,1V	A	275,02	212,43	145,74	104,36	82,69	69,89	51,33	35,14	24,23	20,69
	W	716,48	536,10	353,61	227,35	184,16	138,75	93,77	64,39	48,15	40,46
5,4V	A	220,90	185,04	138,46	101,92	80,76	68,26	50,76	34,58	23,84	20,00
	W	672,75	505,75	333,60	214,48	173,74	130,90	91,93	63,13	47,20	39,67