



FLG 12-200

PHYSICAL SPECIFICATION

Nominal Voltage		12V		Nominal Capacity (100Hr) 229Ah (Vfin 1,8pc at 20°C)
Nominal Capacity (20Hr)		200Ah		
Dimensions	Length	522 ±2mm		
	Width	238 ±2mm		
	Box Height	218 ±2mm		
	Total Height	238 ±2mm		
Drawing 400215-0		Weight 66,0 Kg ± 5%		
Standard Terminal		Bolt Type: M8		
				Bolt-and-nut terminal Bolt Type:M8

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)	
Capacity	100 hours rate (Vfin 1,8pc at 20°C)	229,00Ah		
	20 hours rate (Vfin 1,8pc at 20°C)	200,00Ah		
	10 hours rate (Vfin 1,8pc at 20°C)	180,00Ah		
	5 hours rate (Vfin 1,7pc at 20°C)	158,15Ah		
	3 hours rate (Vfin 1,7pc at 20°C)	138,60Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 3,3 mΩ ±10%		SCC 3500 A ±10%		
Constant Voltage Charge	Cycle	Initial Charging Current less than 50 A Voltage 14,4~15,0V at 20°C Temperature Coefficient -30 mV/°C		
	Stand by	No limit on Initial Charging Current Voltage 13,5~13,8V 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	272,37	193,18	135,21	114,38	90,64	76,61	46,30	31,75	21,89	18,90
	W	739,75	556,12	366,49	235,62	190,87	143,81	94,71	65,04	48,63	40,71
10.2V	A	247,52	191,18	131,17	93,92	74,42	62,90	46,20	31,63	21,80	18,62
	W	719,49	538,35	355,10	228,30	184,94	139,34	94,16	64,66	48,35	40,63
10.8V	A	198,81	166,54	124,61	91,73	72,68	61,43	45,68	31,12	21,46	18,00
	W	675,57	507,88	335,00	215,38	174,47	131,45	92,31	63,39	47,40	39,83