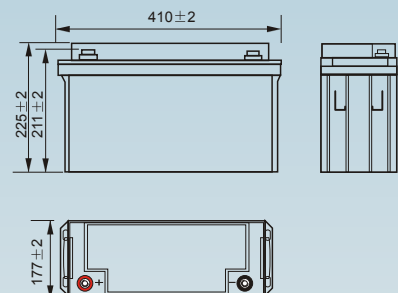


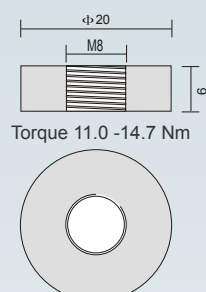
PG Range (12yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm Stud




Torque 11.0 -14.7 Nm

Physical Specification

Nominal Voltage		12V
Nominal Capacity		130 AH
Dimension	Length	410 ± 2 mm
	Width	177 + 2 mm
	Container Height	225 ± 2 mm
	Height to terminal	217 ± 2 mm
Weight		Approx 37.6kg
Standard Terminal		T11

PG12V130



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80v/cell)	130.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 32.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80v/cell)	124.00AH			
Capacity Affected by Temperature	5hr Rate(1.75v/cell)	110.50AH	Standby	Recommended Charge Current less than 32.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	3hr Rate(1.75v/cell)	99.60AH			
	1hr Rate(1.60v/cell)	92.40AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

4.0 mΩ

Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)																	
F.V/Time	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	7H	8H	9H	10H	20H
1.90V	248	191.1	161.4	144.0	112.0	87.0	70.3	37.8	26.8	21.6	17.8	15.7	13.7	12.3	11.1	10.3	5.35
1.85V	313	233.9	192.1	169.0	127.0	97.0	79.2	42.6	30.2	24.4	20.1	17.7	15.4	13.8	12.5	11.6	6.04
1.80V	374	262.5	212.3	181.0	136.0	102.0	84.6	45.5	32.2	26.0	21.4	18.9	16.5	14.8	13.4	12.4	6.50
1.75V	431	291.0	229.6	194.0	143.0	107.0	87.2	46.9	33.2	26.9	22.1	19.4	17.0	15.2	13.8	12.8	
1.70V	456	309.1	240.1	200.0	147.0	109.0	89.3	48.1	34.0	27.5	22.6	19.8	17.3	15.5	14.0	13.0	
1.65V	492	320.5	246.9	208.0	152.0	111.0	90.8	48.9	34.6	28.0	23.0	19.9	17.4	15.6	14.2	13.1	
1.60V	514	330.0	254.6	212.0	155.0	113.0	92.4	49.7	35.2	28.4	23.4	20.1	17.6	15.7	14.3	13.2	

Constant Power Discharge Characteristics Unit:(Watts/cell) (25°C, 77°F)																	
F.V/Time	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	7H	8H	9H	10H	20H
1.90V	487.4	378.6	321.8	289.1	226.2	176.5	143.1	77.1	54.8	44.2	36.6	32.4	28.3	25.4	22.9	21.3	11.1
1.85V	600.8	453.5	376.1	334.2	253.9	195.6	160.7	86.7	61.7	50.0	41.4	36.5	31.8	28.6	25.9	24.0	12.5
1.80V	706.6	500.4	408.1	350.9	266.4	202.2	169.4	91.5	65.1	52.7	43.6	38.6	33.8	30.4	27.5	25.6	13.4
1.75V	797.1	545.9	435.9	372.6	277.8	211.0	173.8	94.1	66.8	54.3	44.8	39.5	34.7	31.1	28.3	26.4	
1.70V	820.3	567.0	449.7	381.3	284.0	214.1	177.4	96.2	68.4	55.5	45.8	40.3	35.3	31.7	28.8	26.7	
1.65V	872.8	582.6	458.9	393.5	291.3	216.1	179.1	97.2	69.3	56.3	46.5	40.3	35.3	31.9	29.2	26.9	
1.60V	891.1	586.4	465.5	396.8	295.0	218.9	181.3	98.3	70.1	56.9	47.1	40.6	35.7	31.9	29.3	27.1	



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