

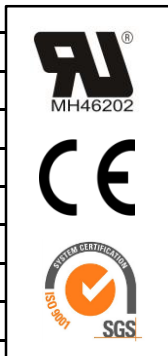


FEATURES

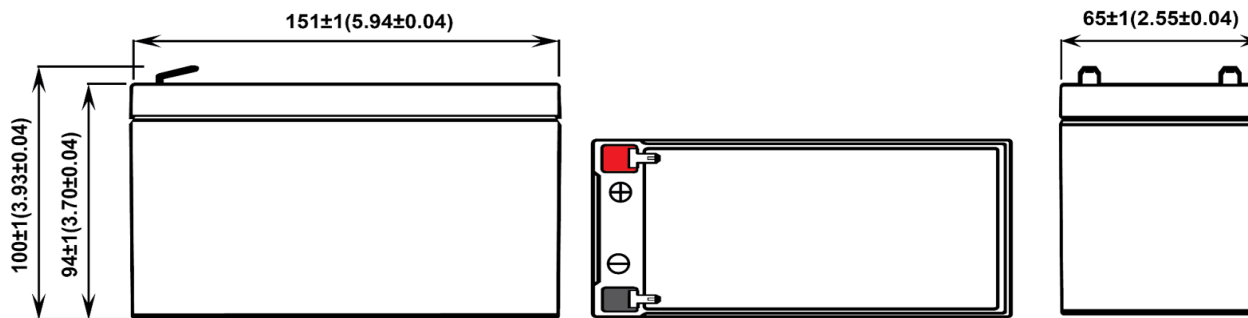
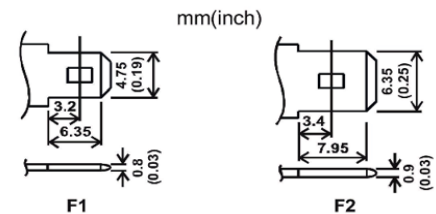
TPC12-8.5 is specially designed for efficient discharges in cyclical applications. and enhanced floating life which is ideal for UPS and other high rate heavy duty applications. Cycle life more than 500 times with 60% DOD. LCB batteries are rechargeable Seal Lead highly efficient, leak proof and maintenance free.

SPECIFICATION

Cell per unit	6	Ambient temperature	
Nominal Voltage (V)	12	Charge	0°C (32°F) to 40°C (104°F)
Nominal Capacity (Ah)	8.8Ah @ 20hour rate F.V(1.75/Cell)	Discharge	-15°C (5°F) to 50°C (122°F)
Weight	Approx2.73 kg	Storage	-15°C (5°F) to 40°C (104°F)
Internal Resistance (1KHz)	15mΩ	Max charge Current	
Max Discharge Current (5s)	120A (5s)	Cycle use :	Max charge current : 2.64A
Battery Life :	Stand by : 3~5 years		Charge voltage: 14.4V to 15.0V
Terminal Type	F1/F2	Stand by :	Charge voltage: 13.5V to 13.8V
Container Material	ABS(Option : 94-HB & 94V-0 flame retardant case)		



DIMENSIONS	Length	Width	Height	Total Height
Unit: mm	151±1	65±1	94±1	100±1
Unit: inch	5.94±0.04	2.56±0.04	3.70±0.04	3.94±0.04



Constant current discharge characteristics Unit:A(25°C 77°F)

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	34.50	16.50	9.38	5.24	3.15	2.10	1.66	1.01	0.88	0.45
1.67V	31.90	16.10	9.26	5.19	3.12	2.09	1.62	1.01	0.86	0.44
1.70V	29.40	15.30	9.14	5.13	3.12	2.07	1.58	1.01	0.85	0.43
1.75V	30.10	15.00	8.93	5.04	3.08	2.06	1.53	1.00	0.84	0.42
1.80V	26.60	14.30	8.60	4.89	3.02	2.04	1.51	1.00	0.84	0.43

Constant power discharge characteristics Unit:W(25°C 77°F)

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	427.0	220.0	124.5	73.8	38.0	27.0	21.9	12.3	10.50	5.50
1.67V	413.0	218.0	122.2	73.6	37.7	27.0	21.8	12.3	10.50	5.50
1.70V	395.0	208.0	120.5	73.6	37.6	26.9	21.8	12.3	10.40	5.40
1.75V	371.0	205.0	118.0	73.2	37.0	26.8	21.7	12.2	10.40	5.30
1.80V	322.0	196.0	112.0	72.0	36.5	26.8	21.6	12.2	10.10	5.20