

VRLA Rechargeable Battery

TPC12-13

YOUR BEST POWER SOURCE SOLUTIONS

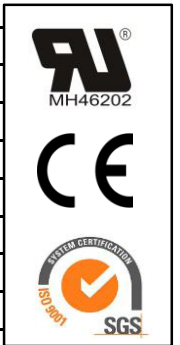
FEATURES

TPC12-13 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.

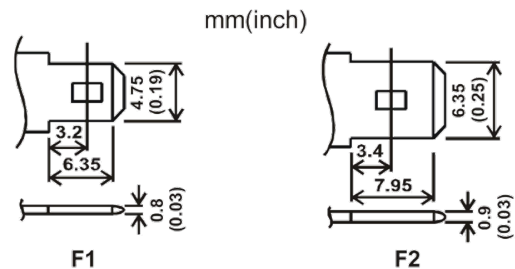
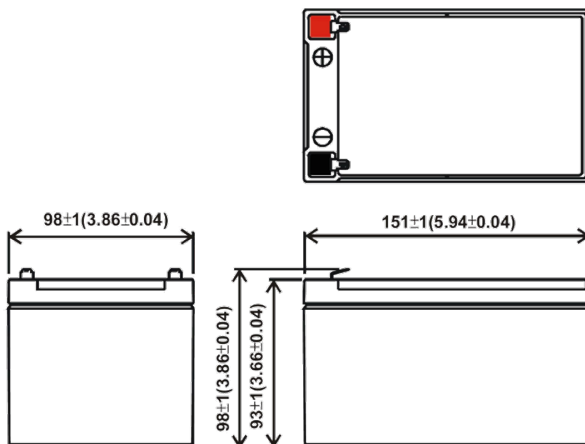


SPECIFICATION

Cell per unit	6	Ambient temperature	
Nominal Voltage (V)	12	Charge	0°C (32°F) to 40°C (104°F)
Nominal Capacity (Ah)	13Ah @ 20hour rate F.V(1.75/Cell)	Discharge	-15°C (5°F) to 50°C (122°F)
Weight	Approx. 4.10kg(9.04Lbs.)	Storage	-15°C (5°F) to 40°C (104°F)
Internal Resistance (1KHz)	30mΩ	Max charge Current	
Max Discharge Current (5s)	175A (5s)	Cycle use :	Max charge current : 3.9A
Battery Life :	Stand by : 5~7 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	98±1	93±1	98±1
Unit: inch	5.94±0.04	3.86±0.04	3.66±0.04	3.86±0.04



Constant current discharge characteristics Unit:A(25°C77°F)

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	48.2	25.0	13.40	7.40	5.05	3.40	2.21	1.38	1.22	0.67
1.67V	44.3	23.3	12.90	7.25	5.03	3.27	2.16	1.38	1.20	0.66
1.70V	41.6	22.7	11.70	6.90	5.00	3.12	2.11	1.37	1.16	0.64
1.75V	41.2	22.0	11.50	6.82	4.93	2.98	2.05	1.36	1.14	0.62
1.80V	36.5	20.0	10.50	6.35	4.90	2.88	2.02	1.36	1.13	0.60

Constant power discharge characteristics Unit:W(25°C77°F)

F.V/Time	5MIN	15MIN	30MIN	60HR	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	588.0	305.0	175.0	110.0	60.0	38.5	25.7	16.1	14.2	8.35
1.67V	567.4	300.8	174.4	103.4	57.7	38.3	25.4	15.8	14.1	8.32
1.70V	544.0	296.2	161.2	97.8	57.5	38.0	24.8	15.7	14.0	8.30
1.75V	512.5	285.6	157.2	95.0	56.7	37.6	24.7	15.6	13.9	8.25
1.80V	450.0	266.5	155.0	92.0	55.0	35.2	24.5	15.4	13.8	8.22