

VRLA Rechargeable Battery

TPC12-22

YOUR BEST POWER SOURCE SOLUTIONS

FEATURES

TPC12-22 is a deep cycle and Long life battery with 5~7 years service life under normal float charge at 25°C. LCB batteries are rechargeable Seal Lead highly efficient, leak proof and maintenance free.

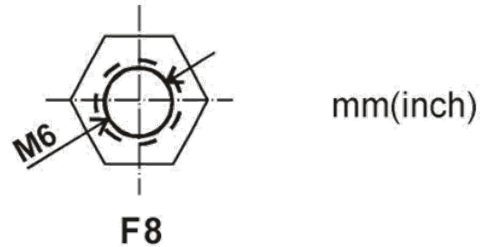
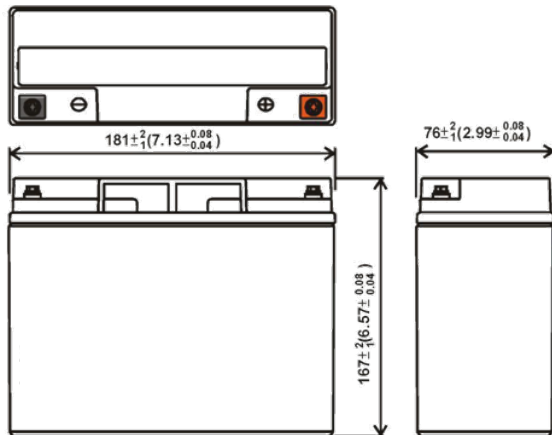


SPECIFICATION

Cell per unit	6	Ambient temperature	
Nominal Voltage (V)	12	Charge	0°C(32°F) to 40°C (104°F)
Nominal Capacity (Ah)	23Ah @ 20hour rate F.V(1.75/Cell)	Discharge	-15°C(5°F) to 50°C (122°F)
Weight	Approx. 6.50kg(14.33Lbs.)	Storage	-15°C(5°F) to 40°C (104°F)
Internal Resistance (1KHz)	12mΩ	Max charge Current	
Max Discharge Current (5s)	300A (5s)	Cycle use :	Max charge current : 6.60A
Battery Life :	Stand by : 5~7 years		Charge voltage: 14.4V to 15.0V
Terminal Type	IT(F8)	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	181±1	76±1	167±1	167±1
Unit: inch	7.13±0.04	2.99±0.04	6.57±0.04	6.57±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	88.1	42.0	25.8	14.1	8.33	5.78	3.89	2.58	2.08	1.18
1.67V	85.6	40.8	24.6	13.9	8.20	5.70	3.79	2.60	2.10	1.11
1.70V	81.5	40.0	23.6	13.6	8.00	5.45	3.77	2.60	2.02	1.20
1.75V	76.9	39.0	22.6	13.5	7.98	5.40	3.58	2.43	1.98	1.07
1.80V	65.1	37.1	22.0	13.3	7.89	5.30	3.42	2.40	1.93	1.06

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

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	900.0	485.0	295.0	168.0	98.50	68.70	44.74	29.98	23.20	13.20
1.67V	855.0	470.0	290.0	165.0	97.10	68.60	43.92	29.42	22.90	12.83
1.70V	801.0	460.0	280.0	164.0	96.50	68.50	43.64	28.85	22.80	12.75
1.75V	760.0	438.1	278.0	163.0	96.30	68.40	41.62	27.95	22.50	12.47
1.80V	710.0	402.0	277.0	160.0	95.60	68.30	40.70	27.40	22.20	12.40