

VRLA Rechargeable Battery

TP12-40

YOUR BEST POWER SOURCE SOLUTIONS

FEATURES

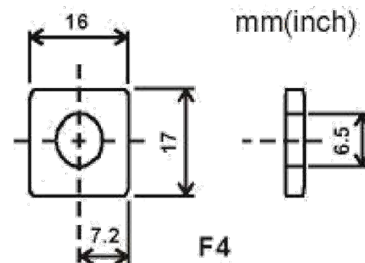
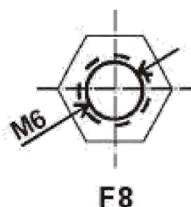
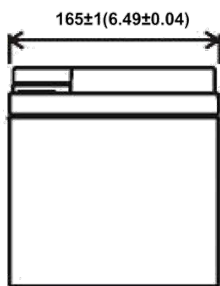
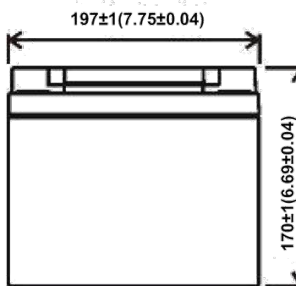
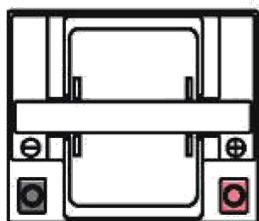
TP12-40 is a general purpose battery with 3~5 years service life under normal float charge at 25°C. LCB batteries are rechargeable Seal Lead highly efficient, leak proof and maintenance free.

SPECIFICATION

Cell per unit	6	Ambient temperature	
Nominal Voltage (V)	12	Charge	0°C(32°F) to 40°C (104°F)
Nominal Capacity (Ah)	41Ah @ 20hour rate F.V(1.75/Cell)	Discharge	-15°C(5°F) to 50°C (122°F)
Weight	Approx 13.50kg	Storage	-15°C(5°F) to 40°C (104°F)
Internal Resistance (1KHz)	7.5 mΩ	Max charge Current	
Max Discharge Current (5s)	480A (5s)	Cycle use :	Max charge current : 13.5A
Battery Life :	Stand by :3~5 years	Charge voltage:	14.4V to 14.80V
Terminal Type	NB(F4)/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	197±1	165±1	170±1	170±1
Unit: inch	7.76±0.04	6.50±0.04	6.69±0.04	6.69±0.04



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

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	169.00	83.50	49.00	34.20	18.10	12.50	7.80	5.06	4.17	2.20
1.67V	167.00	82.20	48.30	33.90	18.00	12.40	7.74	5.04	4.14	2.20
1.70V	164.00	81.40	48.00	33.80	18.00	12.30	7.72	5.03	4.13	2.19
1.75V	159.00	79.60	47.10	33.60	17.90	12.20	7.66	5.01	4.10	2.19
1.80V	150.00	76.10	45.50	32.90	17.80	12.00	7.54	4.98	4.04	2.17

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

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	1791.0	935.0	573.0	408.0	216.0	150.0	91.56	61.10	47.20	26.10
1.67V	1757.0	920.0	568.0	406.0	215.0	149.0	90.93	60.70	45.80	24.90
1.70V	1739.0	912.0	561.0	404.0	214.0	148.0	89.46	60.50	45.30	24.50
1.75V	1689.0	891.0	551.0	402.0	212.0	147.0	87.78	60.10	44.10	23.60
1.80V	1593.0	852.0	532.0	399.0	201.0	145.0	85.47	59.30	42.90	22.50