

Valve Regulated Lead Acid Battery

Maintenance-Free Sealed Lead Acid Battery.

Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.



Design for Standby Power Applications

【Design Life】

Up to 5 Years in Standby Service at 25°C
Eurobat (20°C) : 3-5 years, Standard Commercial

【Operating Temperature Range】

Nominal Operating Temperature: 25°C (77°F)
Discharge: -15°C ~ 50°C (5°F ~ 122°F)
Charge: -15°C ~ 40°C (5°F ~ 104°F)
Storage: -15°C ~ 40°C (5°F ~ 104°F)

【Float Charging Voltage】

13.5 ~ 13.8 VDC/Unit at 25°C (77°F)

【Equalization Charging Voltage】

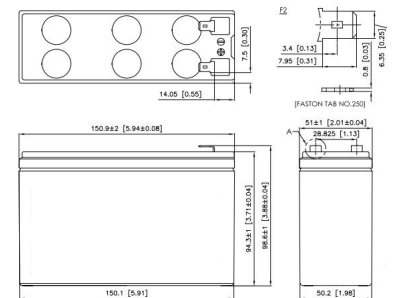
14.4 ~ 15.0 VDC/Unit at 25°C (77°F)

【Self Discharge】

Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).

Specification

Nominal Voltage	12V (6 cells per unit)		
Nominal Capacity	240W@5min-rate to 9.60V per PCS @25°C (77°F)		
Weight	Approx. 1.46 Kg (3.22 lbs)		
Maximum Discharge Current	100/130A (5sec)		
Internal Resistance	Approx. 33.50 mΩ		
Short Circuit Current	230A		
Maximum Charge Current	2.0A		
Terminal types	F1/F2 terminal -Faston Tab 187/250		
Terminal tightening torque	--		
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request		
Dimensions	Length (L)	150.9±2.0mm	5.94±0.08inch
	Width (W)	51.0±1.0mm	2.01±0.04inch
	Container Height (h)	94.3±1.0mm	3.71±0.04inch
	Overall Height (H)	98.6±1.0mm	3.88±0.04inch



Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MI
1.60V	42.4	27.2	23.6	20.6	16.1	13.5	9.89	7.93	5.80	4.21	3.35	2.41
1.67V	37.4	26.0	22.7	20.0	15.9	13.3	9.77	7.88	5.77	4.19	3.34	2.40
1.70V	35.2	25.2	22.0	19.7	15.6	13.2	9.67	7.86	5.75	4.16	3.31	2.38
1.75V	31.4	23.5	20.8	18.5	14.9	12.8	9.57	7.73	5.69	4.12	3.28	2.36
1.80V	27.7	21.3	19.1	16.9	14.0	12.1	9.22	7.48	5.55	4.04	3.22	2.32
1.85V	24.0	19.0	16.7	15.0	12.6	11.0	8.53	6.96	5.28	3.85	3.08	2.23

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MI
1.60V	383	275	240	213	177	151	112	90.1	66.1	48.2	38.5	28.1
1.67V	362	264	233	208	174	149	111	89.7	65.7	48.0	38.4	28.0
1.70V	350	258	228	205	171	148	110	89.4	65.6	47.9	38.3	27.9
1.75V	324	243	217	196	166	144	109	88.1	65.1	47.6	38.1	27.8
1.80V	296	226	201	184	156	136	105	85.5	63.7	46.7	37.5	27.4
1.85V	258	203	184	170	143	127	97.8	79.7	61.3	45.0	36.1	26.4

Please refer to the official site for the latest rating confirmation.

Guang dong Xi shi Power Co.,Ltd

Tel: (总机) 020-84854238 Fax: 020-84854238

E-mail: csbusa@battery.com