

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 10 Years in Standby Service at 25°C

Eurobat (20°C) : 10-12 years, Long Life

【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】

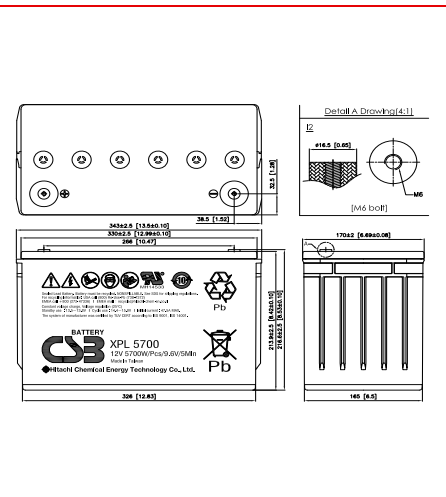
Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F);

Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).

Specification

Design according with IEC 60896-21/22:2004

Nominal Voltage	12V (6 cells per unit)		
Nominal Capacity	5700W @5min-rate to 1.60V per PCS @25°C (77°F)		
Weight	Approx. 36.10 Kg (79.56 lbs)		
Maximum Discharge Current	800A (5sec)		
Internal Resistance	Approx. 2.30 mΩ		
Short Circuit Current	--		
Maximum Charge Current	50A		
Terminal types	I2 thread lead alloy terminal to accept M6 bolt		
Terminal hardware Torque	138.6 (126) Kgf-cm / 120.3 (109.4) Lbf-in / 13.58 (12.35) N-m		
Container Material	Flame Retardant Polypropylene (UL 94-V0)		
Dimensions	Length (L)	343.0±2.5 mm	13.50±0.10 inch
	Width (W)	170.0±2.0 mm	6.69±0.08 inch
	Container Height (h)	213.9±2.5 mm	8.42±0.10 inch
	Overall Height (H)	216.9±2.5 mm	8.54±0.10 inch



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

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V												
1.67V												
1.70V												
1.75V												
1.80V												
1.85V												

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

F.V/Time	2MIN	4MIN	5MIN	6MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
1.60V	7739	6297	5777	5353	4610	4000	3086	2464	1794	1278	1005	717
1.67V	7118	5911	5473	5057	4377	3845	3017	2420	1774	1267	998	713
1.70V	6831	5714	5296	4906	4247	3753	2967	2389	1760	1259	993	710
1.75V	6352	5357	4941	4605	3986	3565	2847	2311	1722	1238	980	705
1.80V	5765	4877	4516	4169	3676	3334	2677	2191	1652	1198	953	691
1.85V	5054	4256	3933	3688	3332	3056	2454	2022	1539	1126	902	660

**Preliminary spec sheet

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Recognized under UL 1989,
and certified by ISO 9001, 14001.

