

**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)

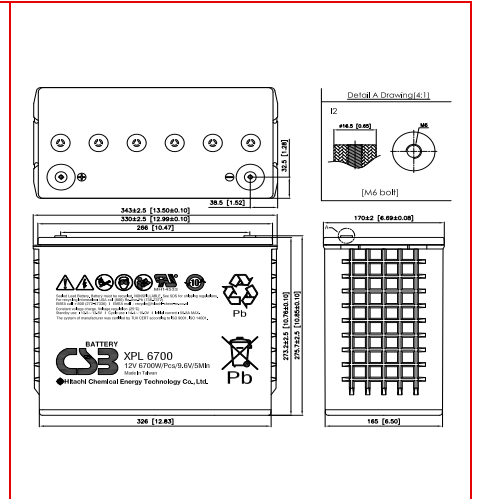
**【Self Discharge】**

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	6700W @5min-rate to 1.60V per PCS @25°C (77°F)		
Weight	Approx. 47.20 Kg (104.03 lbs)		
Maximum Discharge Current	800A (5sec)		
Internal Resistance	Approx. 2.40 mΩ		
Short Circuit Current	3722A		
Maximum Charge Current	62A		
Terminal types	I2 thread lead alloy terminal to accept M6 bolt		
Terminal hardware Torque	138.6 Kgf-cm / 120.3 Lbf-in / 13.58 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)	273.2±2.5 mm	10.76±0.10 inch
	Overall Height (H)	275.7±2.5 mm	10.85±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	8440	7255	6774	6349	5650	5092	4039	3261	2422	1762	1392	1003
1.67V	7840	6754	6329	5959	5361	4882	3911	3179	2383	1740	1379	997
1.70V	7552	6512	6094	5774	5196	4783	3829	3124	2353	1724	1369	993
1.75V	6857	6011	5718	5408	4894	4459	3623	2984	2278	1681	1342	981
1.80V	6077	5461	5155	4917	4482	4083	3322	2776	2163	1612	1295	956
1.85V	5221	4792	4604	4343	3961	3639	2942	2505	2006	1507	1219	907

Please refer \*\*Preliminary spec sheet

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

