



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】

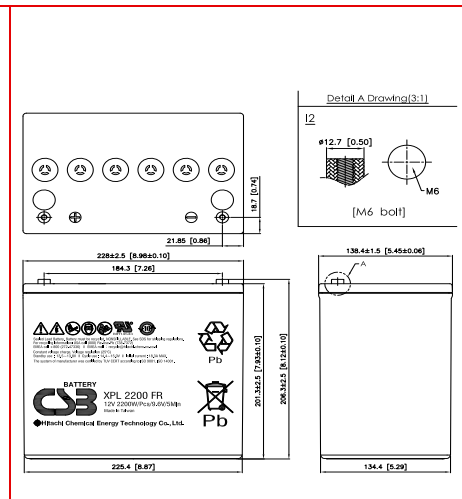
Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F);

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	2200W @5min-rate to 9.60V per PCS @25°C (77°F)		
Weight	Approx. 16.50 Kg (36.37 lbs)		
Maximum Discharge Current	400A (5sec)		
Internal Resistance	Approx. 5.60 mΩ		
Short Circuit Current	1447A		
Maximum Charge Current	18.3A		
Terminal types	I2 thread lead alloy terminal to accept M6 bolt		
Terminal Breaking Torque	138.6 Kgf-cm / 120.3 Lbf-in / 13.58 N-m		
Container Material	Flame Retardant Polypropylene (UL 94-V0)		
Dimensions	Length (L)	228.0±2.5 mm	8.98±0.10 inch
	Width (W)	138.4±1.5 mm	5.45±0.06 inch
	Container Height (h)	201.3±2.5 mm	7.93±0.10 inch
	Overall Height (H)	206.3±2.5 mm	8.12±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	322	255	230	209	174	149	112	89.5	65.6	47.8	38.1	27.8
1.67V	287	233	211	195	165	145	110	88.2	65.0	47.4	37.9	27.6
1.70V	269	220	202	187	160	141	108	87.1	64.5	47.1	37.7	27.5
1.75V	243	200	185	170	150	133	104	84.4	63.1	46.3	37.2	27.3
1.80V	208	177	163	153	136	121	97.8	80.2	60.6	44.8	36.2	26.8
1.85V	174	151	145	134	118	108	87.7	73.1	56.6	42.3	34.4	25.7

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	3134	2536	2341	2140	1840	1610	1229	1002	752	551	442	324
1.67V	2906	2387	2197	2022	1773	1556	1209	990	746	548	440	323
1.70V	2772	2318	2115	1959	1735	1520	1195	980	741	545	438	322
1.75V	2520	2127	1965	1841	1627	1443	1161	956	728	537	433	320
1.80V	2308	1921	1806	1706	1491	1343	1094	910	702	522	423	315
1.85V	1847	1733	1595	1488	1333	1224	994	839	661	496	405	303

**Preliminary spec sheet

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

