XPL Series

XPL 2200 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	563.00
Watts Per Cell (5-Min 1.67 VPC @ 25°)	366.17
Watts Per Cell (15-Min 1.67 VPC @ 25°)	201.50
Max Charge Current (A)	18.30
Max Discharge Current (A)	500
Short Circuit Current (A)	1344
Internal Resistance (mΩ)	Approx. 5.60
Terminal Type	I2 thread lead alloy terminal to accept M6 bolt
Terminal Torque	51.7±10.3 Kgf·cm / 44.9±9.0 Lbf·in / 5.1±1.0 N·m
Container Material	PP (UL 94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb., Approx.)	16.65 / 36.70
Length (L) (mm / in)	228.0±2.5 / 8.98±0.10
Width (W) (mm / in)	138.4±1.5 / 5.45±0.06
Height (H) (mm / in)	206.3±2.5 / 8.12±0.10
Design Life	Up to 10 Years in Standby Service at 25°C. Eurobat (20°C): >12 Years Very Long Life
Operating Temperature	Nominal: 25°C (77°F) Discharge: -15°C - 50°C (5°F-122°F) Charge/Storage: -15°C - 40°C (5°F – 104°F)
Float Charging Voltage	13.5 - 13.8 Vdc/battery 25°C (77°F)
Eq. Charging Voltage	14.4 - 15.0 Vdc/battery 25°C (77°F)
Self-Discharge	Less than 10% after 90 days, can be stored up to 6 months and 10 months with equalization charge* at 25C (77F); Full recharging is required before usage, and charged sooner if stored at higher temperature than 25C (77F).

Valve Regulated Lead Acid (VRLA) Battery

Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%

Pure Lead Construction and Proprietary Elements

Designed for High-Rate UPS, Float Service Standby Power Applications

Built in Accordance with IEC 60896-21/22:2004, UL1973 Listed (MH66728) and UL1989 Recognized (MH14533)

Certified by TUV NORD according to ISO 9001:2015

MH14533

CERTIFIED SAFETY US MH66728

11F, No. 150, Sec. 4, Chengde Rd., Shilin Dist., Taipei City 111052, Taiwan (R.O.C.)
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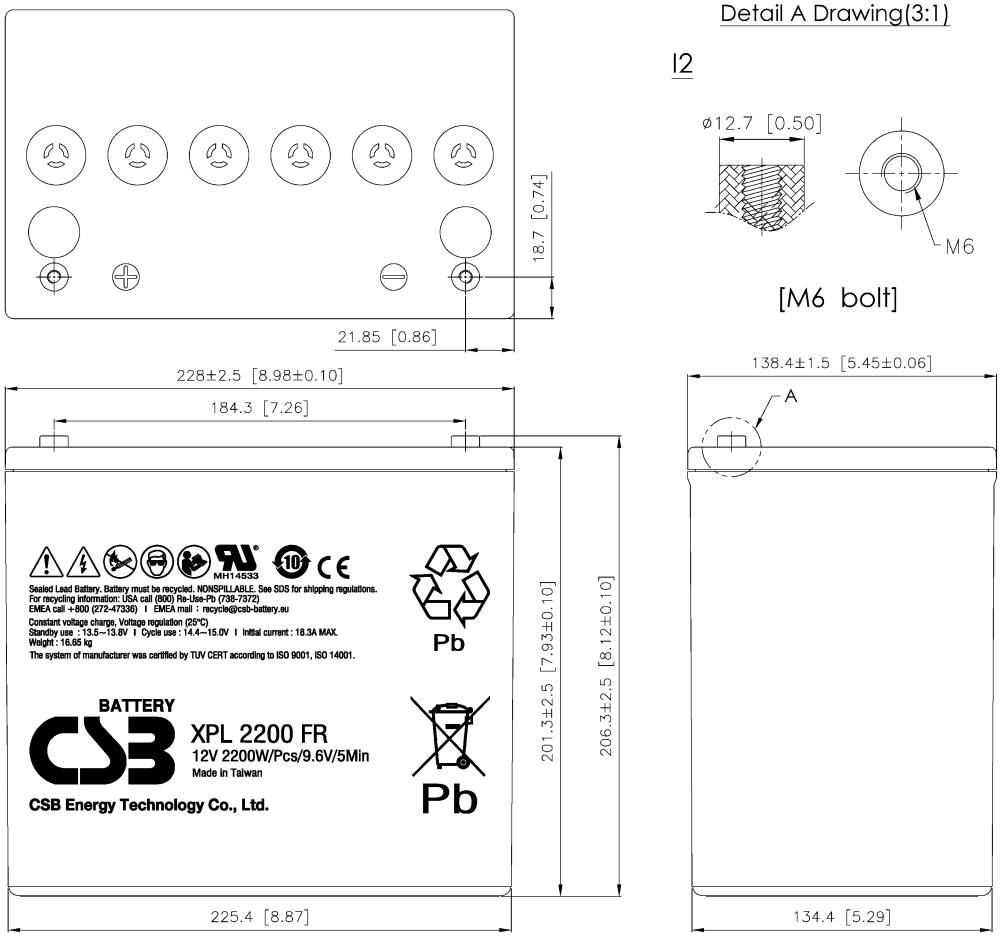
Constant Current Discharge Characteristics Per Battery: Amperes (25°C, 77°F)												
F.V/Time	**30SEC**	**60SEC**	**2MIN**	**5MIN**	**8MIN**	**10MIN**	**15MIN**	**20MIN**	**30MIN**	**45MIN**	**60MIN**	**90MIN**
10.02V (1.67 VPC)	333	315	287	211	165	145	110	88.2	65.0	47.4	37.9	27.6
10.50V (1.75 VPC)	275	255	243	185	150	133	104	84.4	63.1	46.3	37.2	27.3
10.80V (1.80 VPC)	233	223	208	163	136	121	97.8	80.2	60.6	44.8	36.2	26.8

Constant Power Discharge Characteristics Per Battery: Watts (25°C, 77°F)												
F.V/Time	**30SEC**	**60SEC**	**2MIN**	**5MIN**	**8MIN**	**10MIN**	**15MIN**	**20MIN**	**30MIN**	**45MIN**	**60MIN**	**90MIN**
10.02V (1.67 VPC)	3378	3128	2906	2197	1773	1556	1209	990	746	548	440	323
10.50V (1.75 VPC)	2807	2727	2520	1965	1627	1443	1161	956	728	537	433	320
10.80V (1.80 VPC)	2332	2332	2308	1806	1491	1343	1094	910	702	522	423	315



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