XPL Series

XPL2700 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	719.17
Watts Per Cell (5-Min 1.67 VPC @ 25°)	463.17
Watts Per Cell (15-Min 1.67 VPC @ 25°)	252.67
Max Charge Current (A)	22.50
Max Discharge Current (A)	650 (5sec)
Short Circuit Current (A)	1680
Internal Resistance	Approx. 4.20 mΩ
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.)	18.52 / 40.82
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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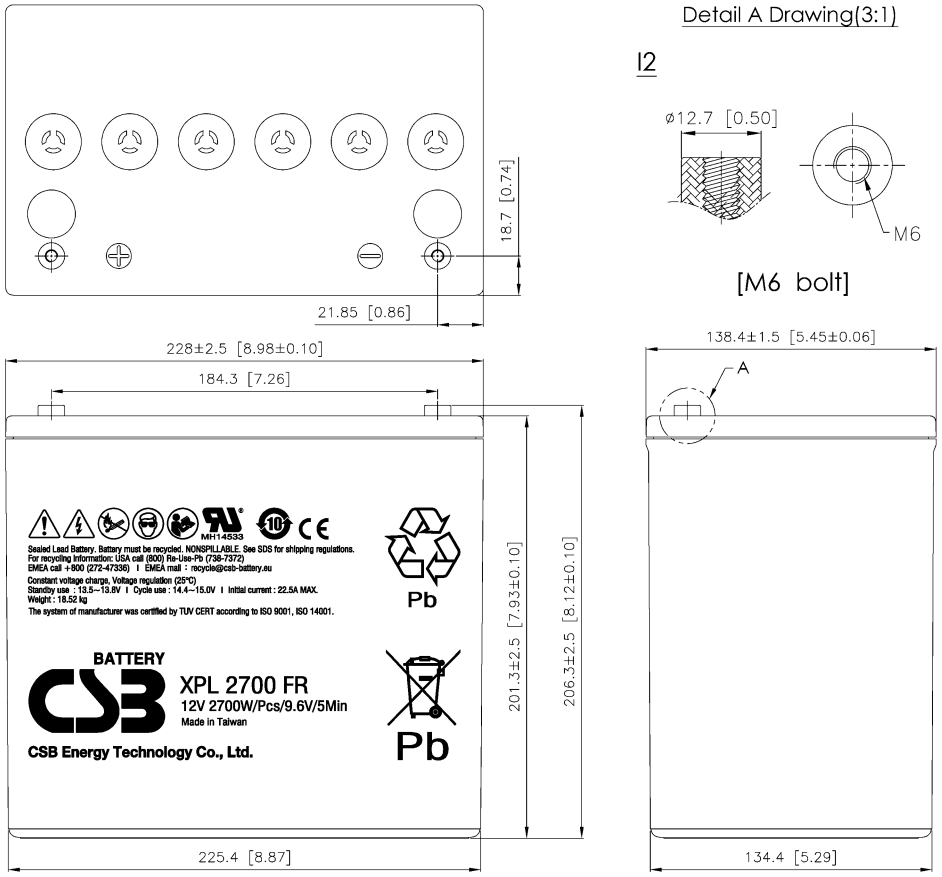
Constant Current Discharge Characteristics Per Battery: Amperes (25°C, 77°F)												
F.V/Time	**30SEC**	**60SEC**	**2MIN**	**5MIN**	**8MIN**	**10MIN**	**15MIN**	**20MIN**	**30MIN**	**45MIN**	**60MIN**	**90MIN**
10.02V (1.67 VPC)	429	402	368	271	212	183	138	110	80.4	57.1	44.8	31.8
10.50V (1.75 VPC)	366	345	315	237	190	168	129	105	77.6	55.5	43.8	31.3
10.80V (1.80 VPC)	316	301	277	216	173	154	121	98.7	74.1	53.4	42.4	30.5

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)	4315	4039	3665	2779	2220	1966	1516	1229	914	658	521	375
10.50V (1.75 VPC)	3772	3567	3287	2550	2055	1830	1444	1179	886	642	510	369
10.80V (1.80 VPC)	3223	3169	2950	2314	1917	1702	1372	1126	851	620	496	361



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