XPL Series

XPL5700 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	1414.83
Watts Per Cell (5-Min 1.67 VPC @ 25°)	912.17
Watts Per Cell (15-Min 1.67 VPC @ 25°)	502.83
Max Charge Current (A)	47.50
Max Discharge Current (A)	1200 (5sec)
Short Circuit Current (A)	3685
Internal Resistance	Approx. 2.22 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.)	36.90 / 81.33
Length (L) (mm / in)	343.0±2.5 / 13.50±0.10
Width (W) (mm / in)	170.0±2.0 / 6.69±0.0
Height (H) (mm / in)	216.6±2.5 / 8.53±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 MH66728

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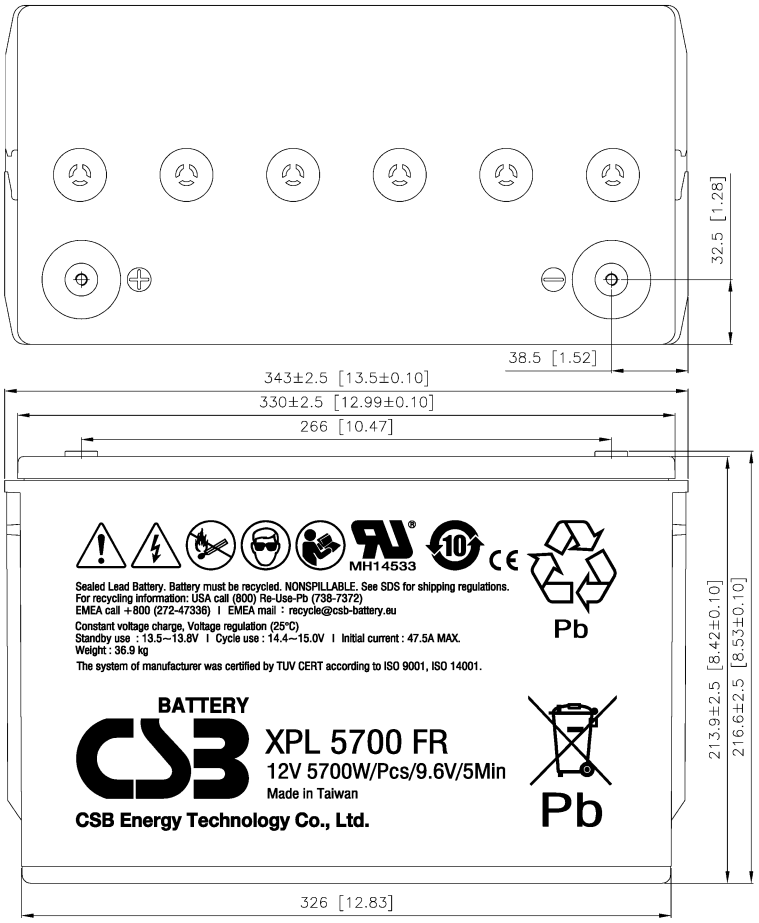
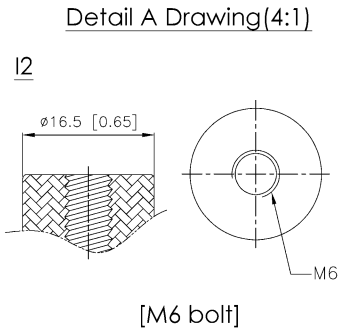
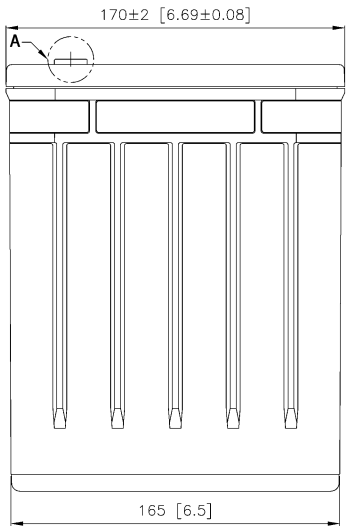
Constant Current Discharge Characteristics Per Battery: Amperes (25°C, 77°F)												
F.V/Time	**30SEC**	**60SEC**	**2MIN**	**5MIN**	**8MIN**	**10MIN**	**15MIN**	**20MIN**	**30MIN**	**45MIN**	**60MIN**	**90MIN**
10.02V (1.67 VPC)	831	781	700	512	401	350	264	210	151	107	83.5	58.9
10.50V (1.75 VPC)	668	647	592	449	359	317	247	199	146	104	81.7	58.1
10.80V (1.80 VPC)	564	555	514	397	324	288	231	187	139	100	79.3	57.1

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)	8489	7881	7118	5473	4377	3845	3017	2420	1774	1267	998	713
10.50V (1.75 VPC)	7051	6985	6352	4941	3986	3565	2847	2311	1722	1238	980	705
10.80V (1.80 VPC)	6013	5921	5765	4516	3676	3334	2677	2191	1652	1198	953	691







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