XPL Series

XPL4200 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	979.83
Watts Per Cell (5-Min 1.67 VPC @ 25°)	660.50
Watts Per Cell (15-Min 1.67 VPC @ 25°)	370.17
Max Charge Current (A)	35.00
Max Discharge Current (A)	900 (5sec)
Short Circuit Current (A)	2616
Internal Resistance	Approx. 3.22 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.)	28.20 / 62.17
Length (L) (mm / in)	261.0±2.5 / 10.28±0.10
Width (W) (mm / in)	168.5±2.0 / 6.63±0.08
Height (H) (mm / in)	213.5±2.5 / 8.41±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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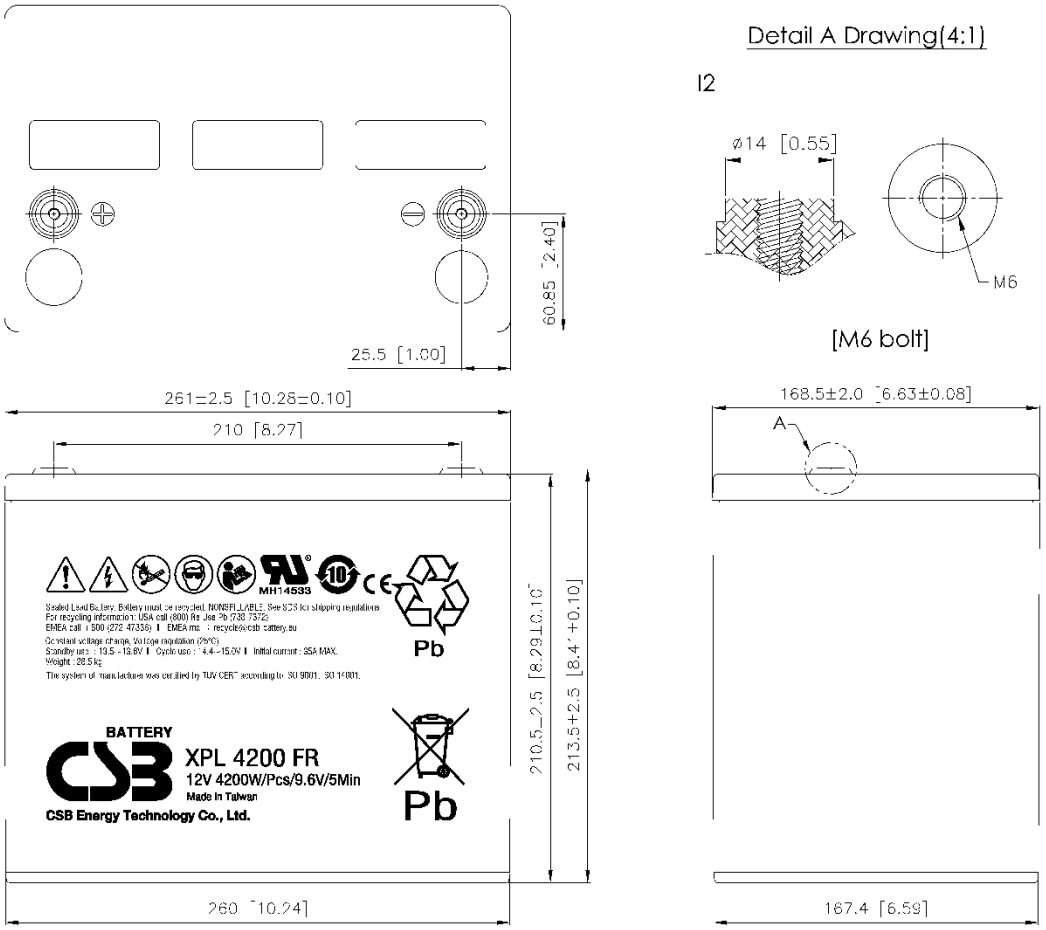
Constant Current Discharge Characteristics Per Battery: Amperes (25°C, 77°F)												
F.V/Time	**30SEC**	**60SEC**	**2MIN**	**5MIN**	**8MIN**	**10MIN**	**15MIN**	**20MIN**	**30MIN**	**45MIN**	**60MIN**	**90MIN**
10.02V (1.67 VPC)	608	576	497	386	308	272	200	159	116	82.8	65.2	46.6
10.50V (1.75 VPC)	508	481	424	334	275	240	185	150	111	80.3	63.7	45.9
10.80V (1.80 VPC)	425	403	351	295	243	215	170	140	106	77.1	61.5	44.7

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)	5879	5575	5068	3963	3228	2882	2221	1797	1334	960	761	548
10.50V (1.75 VPC)	5307	5032	4408	3591	2951	2655	2091	1713	1294	938	747	541
10.80V (1.80 VPC)	4651	4410	4009	3231	2659	2439	1969	1625	1240	906	725	530



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