XPL Series
XPL6700 Datasheet
12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12V
Watts Per Cell (30-Sec to 1.67VPC @25°C)	1466.67
Watts Per Cell (5-Min to 1.67VPC @25°C)	1054.83
Watts Per Cell (15-Min to 1.67VPC @25°C)	651.83
Max Charge Current (A)	55.80 (5 sec)
Max Discharge Current (A)	1350 (5 sec)
Short Circuit Current (A)	4018 (5 sec)
Internal Resistance (mΩ)	Approx. 2.33 mΩ
Terminal Type	I2 thread 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	Polypropylene (UL94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb.)	Approx. 47.90kg / 105.57lb
Length (L) (mm / in)	343.0 ± 2.5mm / 13.50 ± 0.10in
Width (W) (mm / in)	170.0 ± 2.0mm / 6.69 ± 0.08in
Height (H) (mm / in)	275.0 ± 2.5mm / 10.85 ± 0.10in
Design Life	Up to 10 Years in Standby Service @ 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 - 13.8VDC / battery @ 25°C (77°F)
Eq. Charging Voltage	14.4 - 15.0VDC / battery @ 25°C (77°F)
Self-Discharge	Less than 10% after 90 days, can be stored up to 6 months & 10 months with equalization charge @ 25°C (77°F). Full recharge required before use. Charge sooner if stored above 25°C (77°F).



KEY FEATURES
- Valve Regulated Lead Acid (VRLA)
- Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%
- Pure Lead Construction and Proprietary Elements

APPLICATIONS
- Designed for High-Rate UPS & Float Service Standby Power

SAFETY & COMPLIANCE
- Built in Accordance with IEC 60896-21/22:2004
- UL1973 Listed (MH66728)
- UL1989 Recognized (MH14533)
- Certified by TUV NORD according to ISO 9001:2015

MH14533

UL CERTIFIED SAFETY US MH66728

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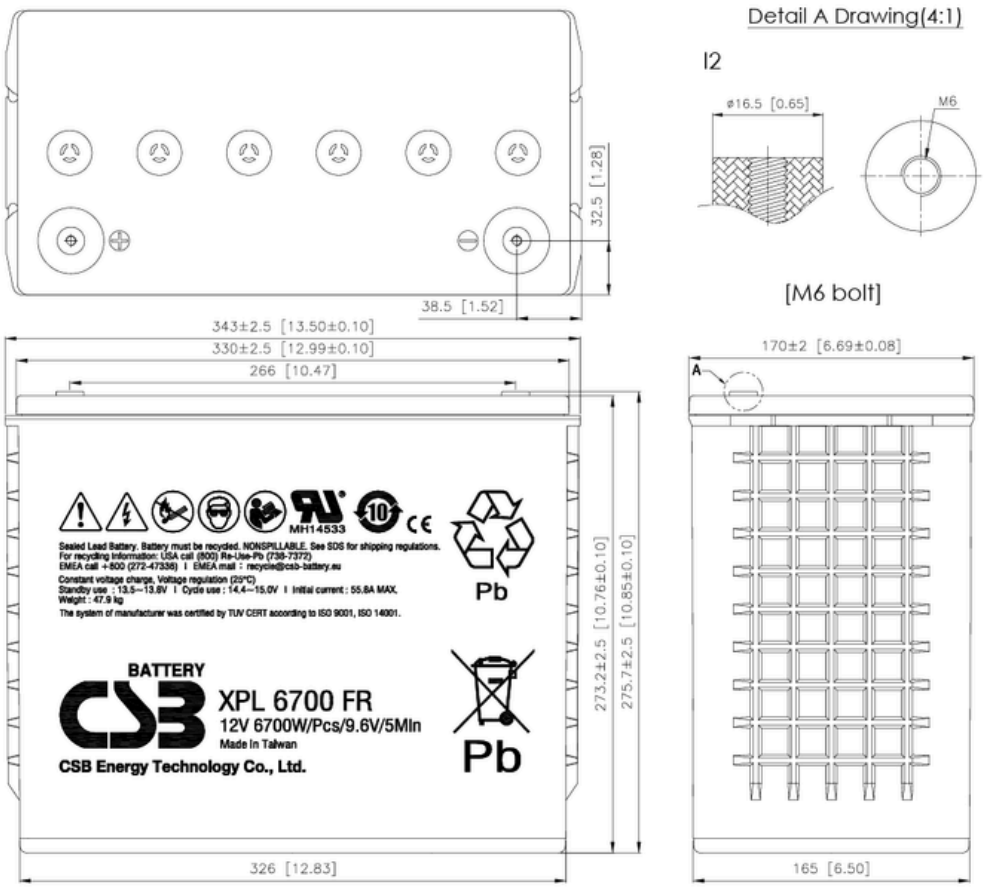
Constant Current Discharge Characteristics Per Battery: Amperes (25°C / 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
10.02V (1.67VPC)	885	824	725	583	490	442	349	277	200	144	113	81.3
10.50V (1.75VPC)	674	663	607	503	428	393	315	255	190	139	111	80.5
10.80V (1.80VPC)	555	549	538	440	384	347	288	237	181	133	107	79.1

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 (1.67VPC)	8800	8279	7840	6329	5361	4882	3911	3179	2383	1740	1379	997
10.50V (1.75VPC)	7232	7092	6857	5718	4894	4459	3623	2984	2278	1681	1341	981
10.80V (1.80VPC)	6258	6258	6077	5155	4482	4083	3322	2776	2163	1612	1295	956

Line Drawing



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