

Specifications

Voltage (Vdc)	12V
Ah Capacity (8HR to 1.75VPC @25°C)	102
Ah Capacity (20HR to 1.75VPC @25°C)	110
Ah Capacity (8HR to 1.80VPC @25°C)	101
Max Charge Current (A)	33
Max Discharge Current (A)	800 (5 sec)
Short Circuit Current (A)	2648 (5 sec)
Internal Resistance (mΩ)	Approx. 3.60
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	PP (UL 94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb.)	Approx. 34.20kg / 75.38lb
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)	216.9 ± 2.5mm / 8.54 ± 0.10in
Design Life	Up to 12 Years in Standby Service at 25°C. Eurobat (20°C): >12 Years Very Long Life
Operating Temperature	Nominal: 25°C (77°F) Discharge: -20°C - 50°C (5°F - 122°F) Charge / Storage -20°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 & 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) Battery
- Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%
- Pure Lead Construction and Proprietary Elements

APPLICATIONS

- Designed for Float Service Standby Power Applications in Extreme Temperature Environments

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



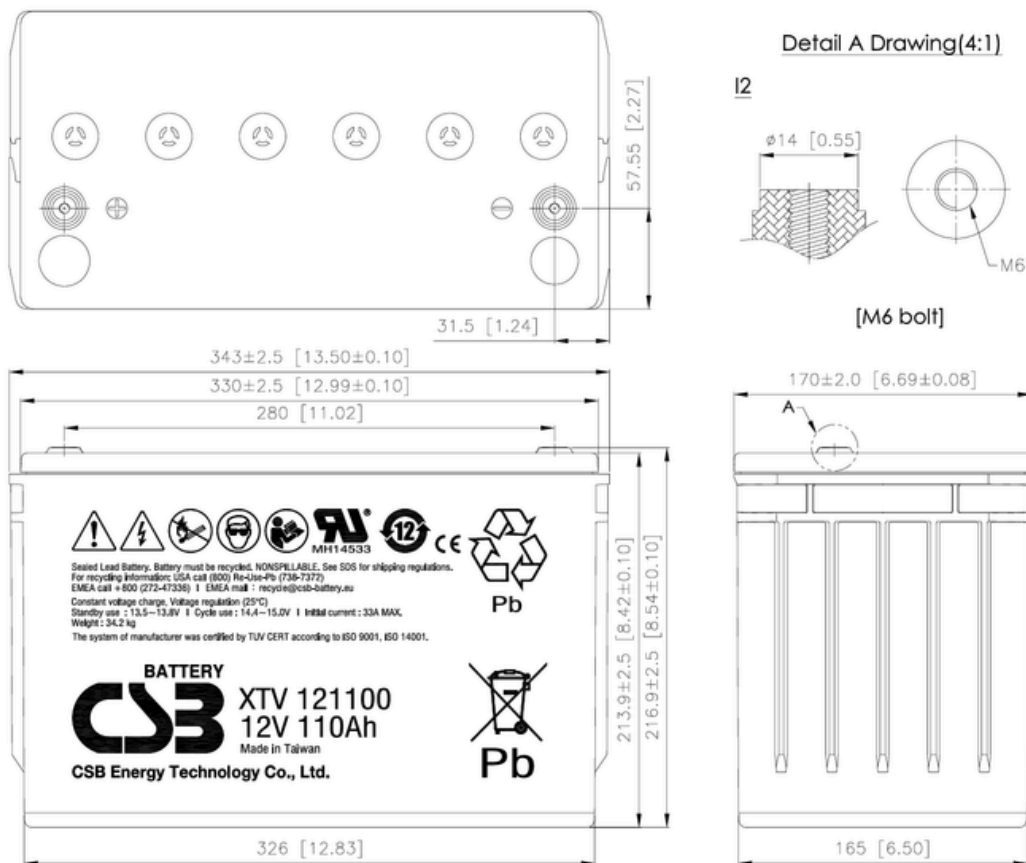
Constant Current Discharge Characteristics Per Battery: Amperes (25°C / 77°F)

F.V/Time	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	12HR	20HR	24HR	48HR
10.02V (1.67VPC)	135	77.5	55.4	43.5	30.8	19.9	13.0	10.6	8.93	5.52	4.66	2.41
10.50V (1.75VPC)	130	75.6	54.0	42.5	30.3	19.5	12.8	10.4	8.80	5.50	4.64	2.40
10.80V (1.80VPC)	123	72.3	52.1	41.2	29.4	18.9	12.6	10.2	8.63	5.33	4.49	2.32

Constant Power Discharge Characteristics Per Battery: Watts (25°C / 77°F)

F.V/Time	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	12HR	20HR	24HR	48HR
10.02V (1.67VPC)	1515	884	635	502	361	235	154	125	106	66.6	56.2	29.1
10.50V (1.75VPC)	1464	862	622	493	356	231	152	123	104	65.7	55.4	28.7
10.80V (1.80VPC)	1411	827	600	479	346	228	149	122	103	64.9	54.8	28.3

Line Drawing



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