



XPL Series

XPL 2200 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Nominal Capacity (9.60V per PCS @ 25°C)	2200W @5min-rate
Watts Per Cell (30-Sec 1.67 VPC @ 25°C)	563.00
Watts Per Cell (5-Min 1.67 VPC @ 25°)	366.17
Watts Per Cell (15-Min 1.67 VPC @ 25°)	201.50
Max Charge Current (A)	18.30
Max Discharge Current (A)	500
Short Circuit Current (A)	1344
Internal Resistance (mΩ)	Approx. 5.60
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.)	16.65 / 36.70
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 and UL1989
Recognized (MH14533)





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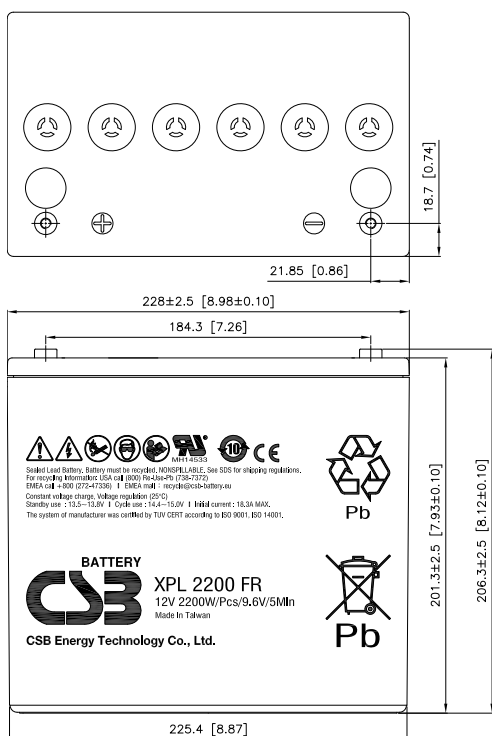
12V Top Terminal VRLA-AGM

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
10.02V (1.67 VPC)	333	315	287	211	165	145	110	88.2	65.0	47.4	37.9	27.6
10.50V (1.75 VPC)	275	255	243	185	150	133	104	84.4	63.1	46.3	37.2	27.3
10.80V (1.80 VPC)	233	223	208	163	136	121	97.8	80.2	60.6	44.8	36.2	26.8

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	30SEC	60SEC	2MIN	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	45MIN	60MIN	90MIN
10.02V (1.67 VPC)	3378	3128	2906	2197	1773	1556	1209	990	746	548	440	323
10.50V (1.75 VPC)	2807	2727	2520	1965	1627	1443	1161	956	728	537	433	320
10.80V (1.80 VPC)	2332	2332	2308	1806	1491	1343	1094	910	702	522	423	315



Detail A Drawing(3:1)

