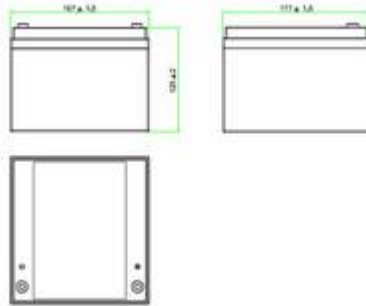




BTX 12-24LS

12V-24Ah · High Rate
625W @ 15 minutes



Electrical Specifications

Nominal Voltage	12 V	
Nominal Capacity (10hr 1.8V/C at 25°C)	23.5 Ah	
Capacity at 25°C to 1.8V	20 hour rate	24.9 Ah
	10 hour rate	23.5 Ah
	8 hour rate	23.2 Ah
	3 hour rate	21.7 Ah
	1 hour rate	17.4 Ah
Self discharge @ 20°C	per month	2 - 2.5 %
Internal Resistance	7 mΩ	
Short Circuit Current	>1000 A	
Charge Voltage @ 25°C	Standby (-3mV/°C)	2.29 V/Cell
	Cyclic Imax: 7.2A (-3mV/°C)	2.40 V/Cell

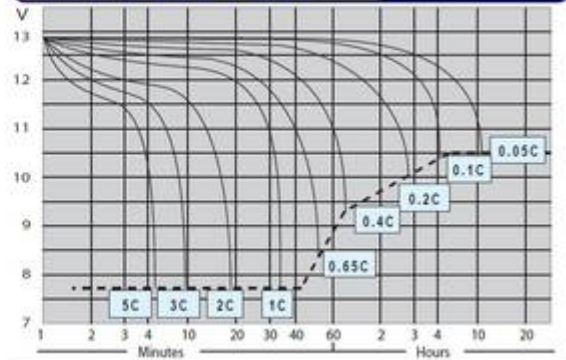
Innovative Features

- Design life up to 12 years (High Performance)
- BTX-LS batteries are maintenance free
- High Discharge Rate
- Lead-Calcium casted grids
- AGM separators for improved electrolyte distribution
- BTX-LS Capacity range: 17-200Ah
- Designed in conformance with the DIN EN 60896-2:1997 standard
- Extremely low gassing
- Reduced self discharge
- 100% recyclable
- No limitations for transport via road, rail, boat or air

Other Specifications

Design Life	up to 12	Years
Dimensions	LxWxH	167*177*125 mm
	Total height	140 mm
Operating Temperature	-20 to +50	°C
Separator	Absorbent Glass Mat	
Grid alloy	Calcium / Tin lead alloy	
Case and cover	ABS	
Electrolyte	Sulphuric Acid	
Terminal	M5 insert	
Optional terminal types	Cu/Lead Flag	
Torque setting	5 - 7	Nm
Weight	9.0	Kg

Discharge Curve @ 20°C



Constant Power Discharge - Watts per Cell at 20°C

V/Cell	5 min	10 min	15 min	30 min	45 min	1 hr	2 hr	5 hr	10 hr	20 hr
1.65 V	186	130	100	59,7	43,6	34,6	18,9	8,9	4,8	2,6
1.70 V	178	125	97	57,7	42,2	33,7	18,4	8,6	4,7	2,6
1.75 V	169	120	93	55,7	40,9	32,7	17,9	8,4	4,6	2,5
1.80 V	161	115	89	53,7	39,5	31,7	17,4	8,2	4,5	2,5



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