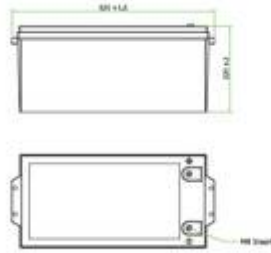




BTX 12-200LS

12V-200Ah · High Rate
4400W @ 15 minutes



Electrical Specifications

Nominal Voltage	12 V	
Nominal Capacity (10hr 1.8V/C at 25°C)	205,0 Ah	
Capacity at 25°C to 1,8V	20 hour rate	217,0 Ah
	10 hour rate	205,0 Ah
	8 hour rate	198,4 Ah
	3 hour rate	175,2 Ah
	1 hour rate	144,0 Ah
Self discharge @ 20°C	per month	2 - 2,5 %
Internal Resistance	2 mΩ	
Short Circuit Current	>2750 A	
Charge Voltage @25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic Imax: 60A (-3mV/°C)	2,40 V/Cell

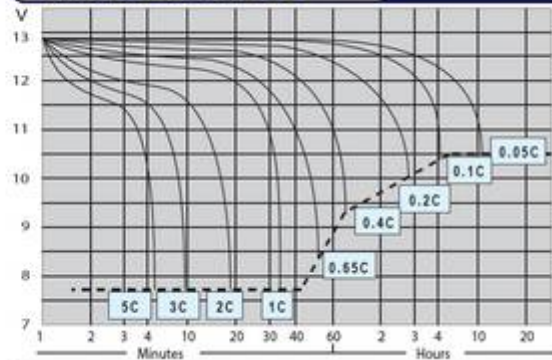
Innovative Features

- 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	520*240*220 mm
	Total height	235 mm
Operating Temperature	-20 to +50 °C	
Separator	Absorbant Glass Mat	
Grid alloy	Calcium / Tin lead alloy	
Case and cover	ABS	
Electrolyte	Sulphuric Acid	
Terminal	M8 insert	
Optional terminal types	Cu/Lead Flag	
Torque setting	9 -13 Nm	
Weight	67,0 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	1053	857	707	467	340	272	158	79,8	44,6	23,9
1,70 V	1007	824	681	452	329	265	154	78,0	43,7	23,5
1,75 V	960	790	656	436	319	257	150	76,1	42,8	23,0
1,80 V	913	757	630	420	308	249	146	74,3	41,9	22,7



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