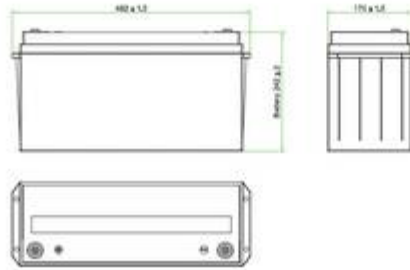




# BTX 12-150LS

12V-150Ah · High Rate  
3300W @ 15 minutes



### Electrical Specifications

Nominal Voltage	12 V	
Nominal Capacity (10hr 1.8V/C at 25°C)	153.0 Ah	
Capacity at 25°C to 1.8V	20 hour rate	159.0 Ah
	10 hour rate	153.0 Ah
	8 hour rate	146.4 Ah
	3 hour rate	124.8 Ah
	1 hour rate	103.0 Ah
Self discharge @ 20°C	per month	2 - 2.5 %
Internal Resistance		3 mΩ
Short Circuit Current		>2500 A
Charge Voltage @25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic Imax: 45A (-3mV/°C)	2,40 V/Cell

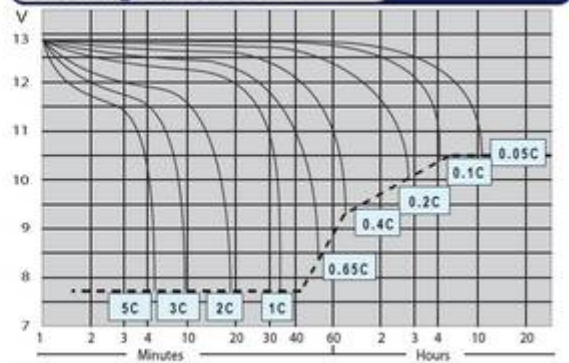
### Innovative Features

- 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	482*170*242 mm
	Total height	257 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	46,4	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	790	626	530	353	262	204	115	59,3	33,3	17,8
1,70 V	755	605	511	342	354	199	112	57,9	32,7	17,5
1,75 V	720	577	492	330	246	193	109	56,6	32,0	17,2
1,80 V	685	553	473	318	238	187	106	55,2	31,3	16,9



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