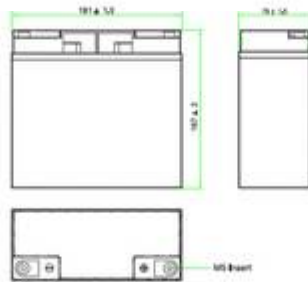




BTX 12-17LS

12V-17Ah · High Rate
490W @ 15 minutes



Electrical Specifications

Nominal Voltage	12 V	
Nominal Capacity (10hr 1,8V/C at 25°C)	16,6 Ah	
Capacity at 25°C to 1,8V	20 hour rate	17,4 Ah
	10 hour rate	16,6 Ah
	8 hour rate	16,4 Ah
	3 hour rate	15,6 Ah
	1 hour rate	13,8 Ah
Self discharge @ 20°C	per month	2 - 2,5 %
Internal Resistance	15 mΩ	
Short Circuit Current	>900 A	
Charge Voltage @ 25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic (max. 5.1A (-3mV/°C))	2,40 V/Cell

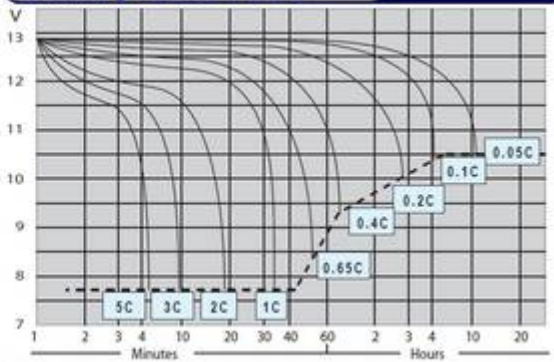
Innovative Features

- 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	181*76*167 mm
	Total height	175 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	5,9	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	146	101	79	44,5	32,7	26,7	14,4	6,4	3,3	1,8
1,70 V	139	97	76	43,0	31,7	25,9	14,0	6,3	3,3	1,8
1,75 V	133	93	71	41,5	30,7	25,2	13,6	6,1	3,2	1,8
1,80 V	126	89	70	40,0	29,7	24,4	13,3	6,0	3,2	1,8



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