

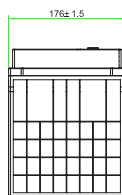
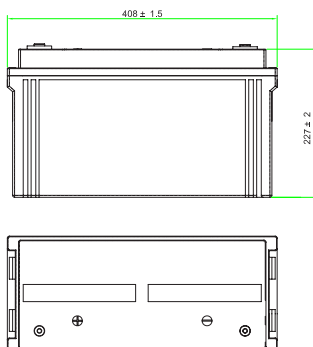
BTX 12-120LS

12V-120Ah • High Rate
2760W @ 15 minutes



Member of the WETAC Group

einfach stark.



Electrical Specifications

Nominal Voltage		12 V
Nominal Capacity (10hr 1,8V/C at 25°C)		122,0 Ah
Capacity at 25°C to 1,8V	20 hour rate	133,0 Ah
	10 hour rate	122,0 Ah
	8 hour rate	118,4 Ah
	3 hour rate	104,4 Ah
	1 hour rate	81,5 Ah
Self discharge @ 20°C	per month	2 - 2,5 %
Internal Resistance		3 mΩ
Short Circuit Current		>1750 A
Charge Voltage @25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic I _{max} : 36A (-3mV/°C)	2,40 V/Cell

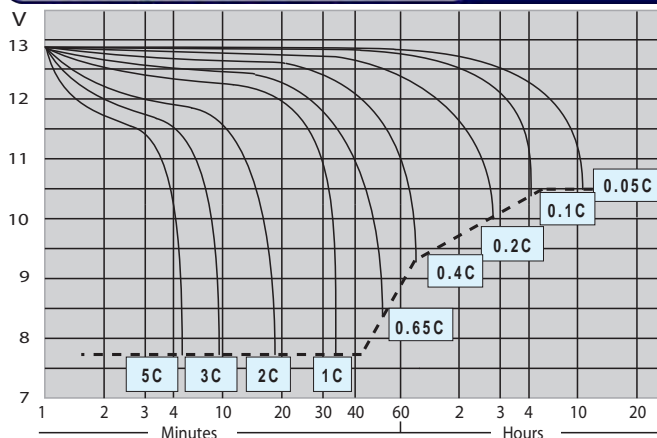
Innovative Features

- 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	408*176*227 mm
	Total height	242 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		37,7 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	697	539	444	283	206	164	92,7	45,5	27,1	14,9
1,70 V	666	518	428	273	200	160	90,2	44,5	26,6	14,6
1,75 V	635	497	412	264	193	155	87,7	43,4	26,0	14,4
1,80 V	604	476	396	254	187	150	85,2	42,4	25,5	14,1

Revision: 04-2013