

BTX 12-24LS

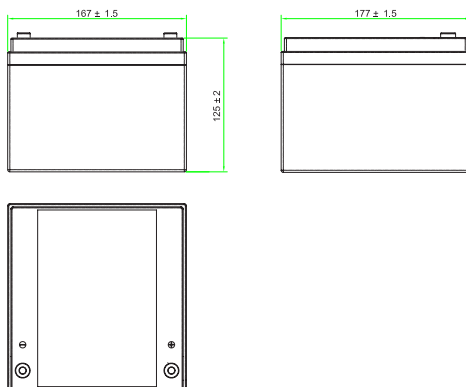
12V-24Ah • High Rate

625W @ 15 minutes



Member of the WETAC Group

einfach stark.



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 I _{max} : 7,2A (-3mV/°C)	2,40 V/Cell

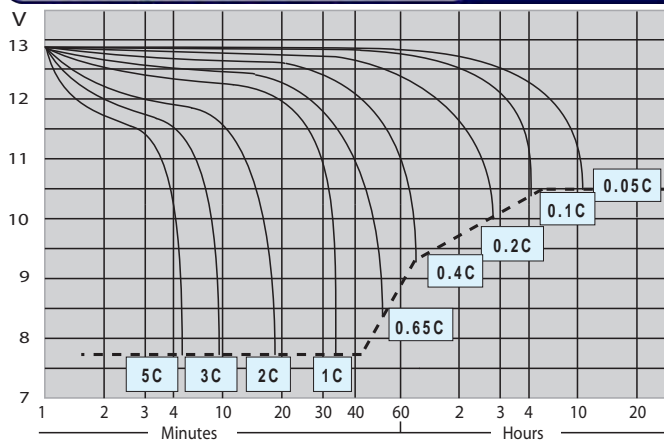
Innovative Features

- 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

Revision: 04-2013