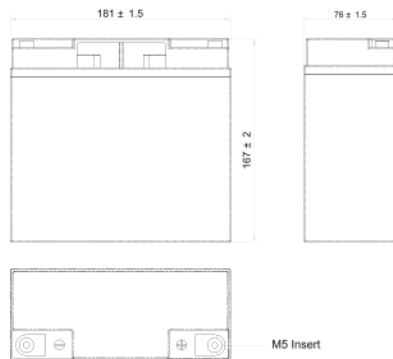


# BTX 12-17LS

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 I <sub>max</sub> : 5,1A (-3mV/°C)	2,40 V/Cell

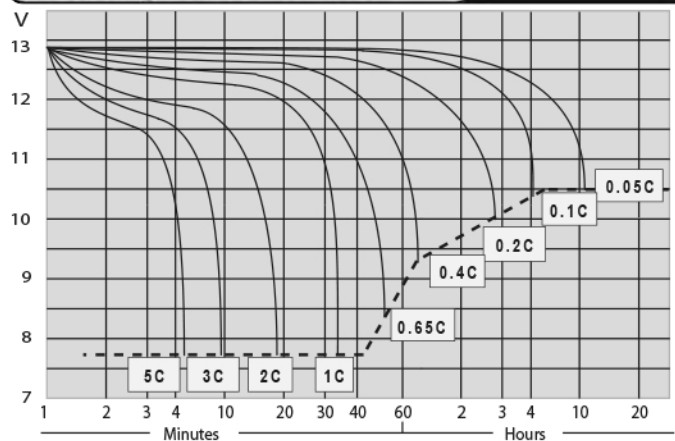
## Innovative Features

- 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