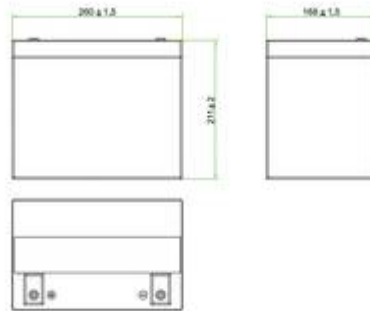




# BTX 12-75LS

12V-75Ah · High Rate  
1490W @ 15 minutes



### Electrical Specifications

Nominal Voltage	12 V	
Nominal Capacity (10hr 1.8V/C at 25°C)	73,0 Ah	
Capacity at 25°C to 1,8V	20 hour rate	79,2 Ah
	10 hour rate	73,0 Ah
	8 hour rate	70,2 Ah
	3 hour rate	57,9 Ah
	1 hour rate	46,2 Ah
Self discharge @ 20°C	per month	2 - 2,5 %
Internal Resistance	5 mΩ	
Short Circuit Current	>1250 A	
Charge Voltage @25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic (max: 22.5A (-3mV/°C))	2,40 V/Cell

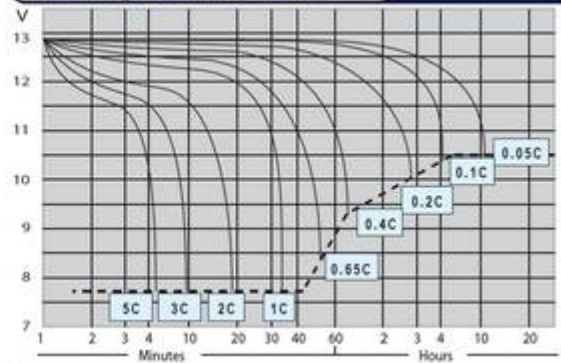
### Innovative Features

- 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	260*168*211 mm
	Total height	224 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	M6 insert	
Optional terminal types	Cu/Lead Flag	
Torque setting	7 - 9	Nm
Weight	24,0	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	415	308	239	148	112	91,6	53,0	27,5	16,4	9,0
1,70 V	396	296	230	143	109	89,0	51,6	26,9	16,1	8,9
1,75 V	378	284	222	138	105	86,4	50,2	26,2	15,8	8,7
1,80 V	359	272	213	133	102	83,8	48,8	25,6	15,1	8,6



DERUNGS-ELECTRONIC GmbH, Eschlikonerstrasse 17, 9542 Münchwilen TG

Telefon +41 (0) 71 - 966 66 76 Fax +41 (0) 71 - 966 66 73 www.de-usv.ch info@de-usv.ch