

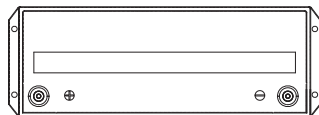
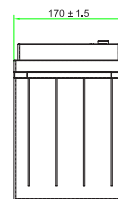
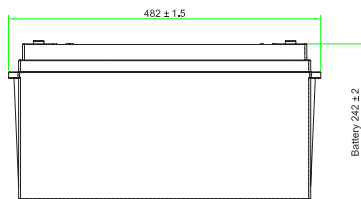
# BTX 12-150LS

12V-150Ah • High Rate  
3300W @ 15 minutes



Member of the WETAC Group

einfach stark.



## Electrical Specifications

|  |   |             |
|--|---|-------------|
| Nominal Voltage                        |   | 12 V        |
| Nominal Capacity (10hr 1,8V/C at 25°C) |   | 153,0 Ah    |
| Capacity at 25°C to 1,8V               | 20 hour rate                            | 159,0 Ah    |
|  | 10 hour rate                            | 153,0 Ah    |
|  | 8 hour rate                             | 146,4 Ah    |
|  | 3 hour rate                             | 124,8 Ah    |
|  | 1 hour rate                             | 103,0 Ah    |
| Self discharge @ 20°C                  | per month                               | 2 - 2,5 %   |
| Internal Resistance                    |   | 3 mΩ        |
| Short Circuit Current                  |   | >2500 A     |
| Charge Voltage @25°C                   | Standby (-3mV/°C)                       | 2,29 V/Cell |
|  | Cyclic I <sub>max</sub> : 45A (-3mV/°C) | 2,40 V/Cell |

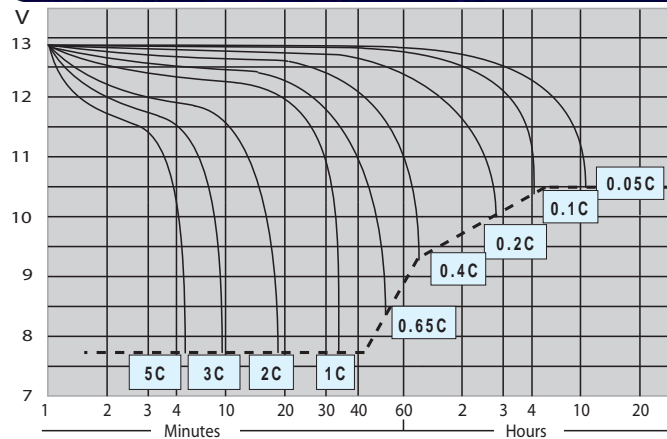
## Innovative Features

- 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        | 482*170*242 mm           |
|                         | Total height | 257 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                  |              | 46,4 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 | 790   | 626    | 530    | 353    | 262    | 204  | 115  | 59,3 | 33,3  | 17,8  |
| 1,70 V | 755   | 605    | 511    | 342    | 354    | 199  | 112  | 57,9 | 32,7  | 17,5  |
| 1,75 V | 720   | 577    | 492    | 330    | 246    | 193  | 109  | 56,6 | 32,0  | 17,2  |
| 1,80 V | 685   | 553    | 473    | 318    | 238    | 187  | 106  | 55,2 | 31,3  | 16,9  |

Revision: 04-2013