



BTX 12-55LS

12V-55Ah · High Rate
1210W @ 15 minutes



Electrical Specifications

Nominal Voltage		12 V
Nominal Capacity (10hr 1.8V/C at 25°C)		56,0 Ah
Capacity at 25°C to 1.8V	20 hour rate	59,7 Ah
	10 hour rate	56,0 Ah
	8 hour rate	54,2 Ah
	3 hour rate	47,1 Ah
	1 hour rate	38,7 Ah
Self discharge @ 20°C	per month	2 - 2,5 %
Internal Resistance		6 mΩ
Short Circuit Current		>1250 A
Charge Voltage @ 25°C	Standby (-3mV/°C)	2,29 V/Cell
	Cyclic (Imax: 16,5A (-3mV/°C))	2,40 V/Cell

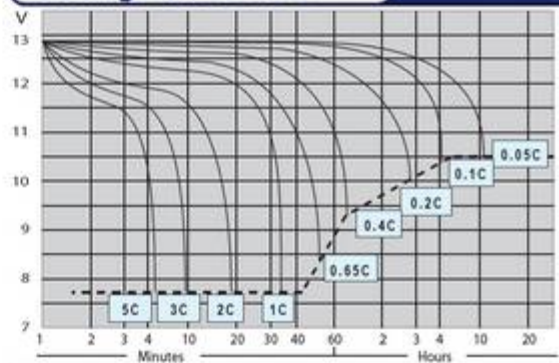
Innovative Features

- 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	229*138*210 mm
	Total height	223 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		18,8 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	337	250	194	120	91,0	74,4	42,1	20,7	11,7	6,4
1,70 V	322	241	187	116	88,6	72,3	41,0	20,4	11,5	6,2
1,75 V	307	231	180	112	85,3	70,2	39,8	20,1	11,3	6,1
1,80 V	292	221	173	108	82,9	68,1	38,7	19,8	11,0	5,9



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