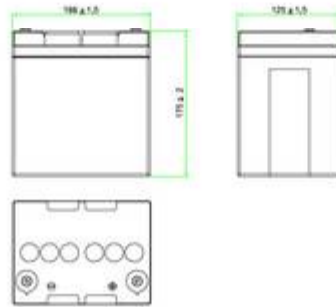




BTX 12-28LS

12V-28Ah · High Rate
750W @ 15 minutes



Electrical Specifications

Nominal Voltage		12 V
Nominal Capacity (10hr 1,8V/C at 25°C)		27,8 Ah
Capacity at 25°C to 1,8V	20 hour rate	28,6 Ah
	10 hour rate	27,8 Ah
	8 hour rate	27,4 Ah
	3 hour rate	24,9 Ah
	1 hour rate	20,9 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} : 8.4A (-3mV/°C)	2,40 V/Cell

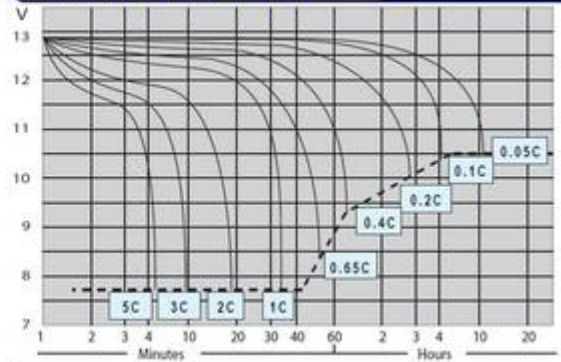
Innovative Features

- 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	166*125*175 mm
	Total height	187 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		9,7 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	219	149	114	70,3	52,3	42,3	23,4	11,2	6,1	3,2
1,70 V	210	144	110	67,9	50,7	41,1	22,8	10,9	5,9	3,2
1,75 V	200	138	106	65,6	49,0	39,9	22,2	10,7	5,8	3,1
1,80 V	190	132	102	63,2	47,4	38,7	21,5	10,4	5,6	3,0



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