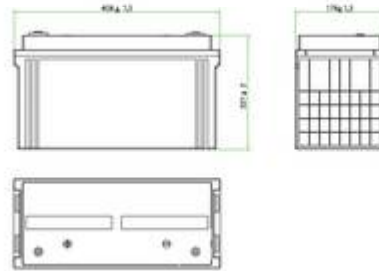




BTX 12-120LS

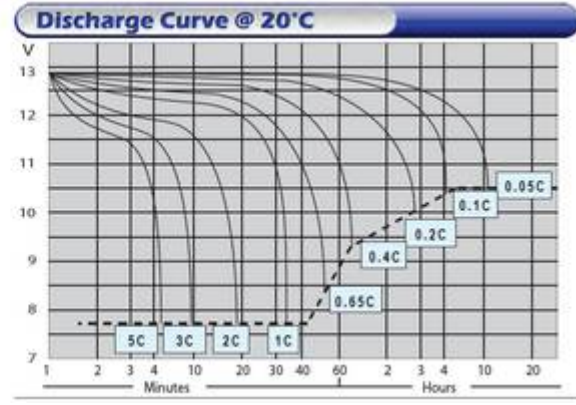
12V-120Ah · High Rate
2760W @ 15 minutes



Electrical Specifications		
Nominal Voltage		12 V
Nominal Capacity (10hr 1.8V/C at 25°C)		122.0 Ah
Capacity at 25°C to 1.8V	20 hour rate	133.0 Ah
	10 hour rate	122.0 Ah
	8 hour rate	118.4 Ah
	3 hour rate	104.4 Ah
	1 hour rate	81.5 Ah
Self discharge @ 20°C	per month	2 - 2.5 %
Internal Resistance		3 mΩ
Short Circuit Current		>1750 A
Charge Voltage @25°C	Standby (-3mV/°C)	2.29 V/Cell
	Cyclic Imax: 36A (-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	408*176*227 mm
	Total height	242 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		37,7 Kg



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	697	539	444	283	206	164	92,7	45,5	27,1	14,9	
1,70 V	666	518	428	273	200	160	90,2	44,5	26,6	14,6	
1,75 V	635	497	412	264	193	155	87,7	43,4	26,0	14,4	
1,80 V	604	476	396	254	187	150	85,2	42,4	25,5	14,1	



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