



BTX 12-150LS

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



Electrical specifications

Nominal Voltage		12 V
Capacity 25°C to 1,8V/c	20 hour rate	158,0 Ah
	10 hour rate	149,0 Ah
	8 hour rate	141,6 Ah
	3 hour rate	119,7 Ah
	1 hour rate	97,1 Ah
Self discharge @ 25°C	per month	2 - 2,5 %
Internal Resistance	fully charged	approx 4 mΩ
Maximum current @ 25°C	charging	45 A
Short Circuit @ 25°C		>2500 A
Charge Voltage @25°C	Float (-3mV/°C/c)	2,27 - 2,29 V/Cell
	Cyclic (-5mV/°C/c)	2,38 - 2,40 V/Cell

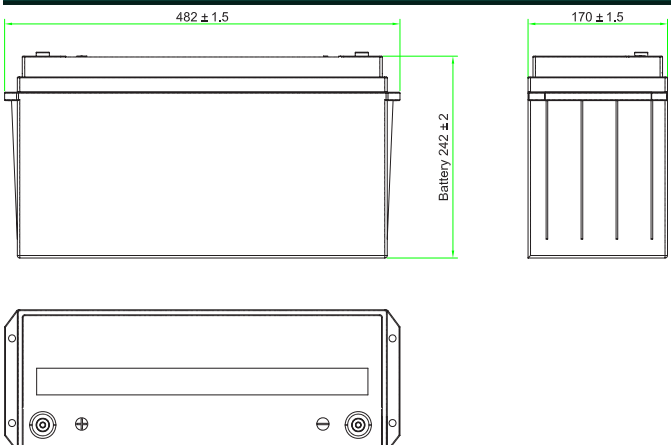
Other specifications

Design Floating Life @ 20°C		12 Years
Dimensions LxWxH (± 1mm)		482x170x242 mm
	Total height	245 mm
Operating Temperature (storage)		-20 to +50 °C
Separator		Absorbent Glass Mat
Grid alloy		Calcium / Tin lead alloy
Case and cover		ABS
Electrolyte		Sulphuric Acid
Terminal / Length		M8 insert
Optional terminal types		none
Torque setting		12,4 - 16,1 Nm
Weight		46,4 (±5%) kg

Innovative Features

- Longlife 12 year design
- 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
- BTX-LS batteries are maintenance free

Dimensions



Constant Amps Discharge - Amps at 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	363	294	249	210	186	170	150	135	123	113	104	97,1	68,5	54,2	39,9	31,3	26,1	22,4	19,7	17,7	16,1	14,9	12,7	7,90
1,75	379	306	258	216	191	175	154	138	126	115	107	99,3	70,0	55,3	40,7	31,9	26,6	22,8	20,0	18,0	16,4	15,1	12,9	8,00
1,70	407	326	274	230	203	185	163	146	133	122	112	105	73,7	58,2	42,7	33,4	27,8	23,8	20,9	18,8	17,1	15,8	13,4	8,37
1,65	434	346	290	243	215	196	172	154	140	128	118	110	77,3	61,0	44,7	34,9	29,1	24,8	21,8	19,6	17,8	16,4	13,9	8,69
1,60	462	365	306	256	226	206	181	162	148	135	124	115	81,0	63,8	46,7	36,4	30,3	25,9	22,7	20,4	18,6	17,1	14,4	9,06

Constant Power Discharge - Watts per Cell at 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	685	553	473	396	349	318	284	258	238	218	201	187	133	106	78,9	64,1	55,2	47,2	41,5	37,3	34,0	31,3	27,3	15,9
1,75	720	577	492	411	362	330	294	267	246	225	207	193	137	109	81,1	65,8	56,6	48,4	42,5	38,1	34,7	32,0	27,8	16,1
1,70	755	602	511	426	376	342	304	276	254	232	214	199	141	112	83,3	67,5	57,9	49,5	43,5	39,0	35,5	32,7	28,4	16,8
1,65	790	626	530	442	389	353	314	285	262	239	220	204	145	115	85,5	69,1	59,3	50,7	44,5	39,8	36,2	33,3	28,9	17,5
1,60	825	650	550	457	402	365	324	294	270	246	226	210	149	118	87,7	70,8	60,7	51,8	45,4	40,7	37,0	34,0	29,4	18,2

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