



# BTX 12-200LS

12V - 200 Ah (High Rate)  
4400W @ 15 minutes



## Electrical specifications

Nominal Voltage		12	V
Capacity 25°C to 1,8V/c	20 hour rate	210,0	Ah
	10 hour rate	199,0	Ah
	8 hour rate	192,0	Ah
	3 hour rate	168,0	Ah
	1 hour rate	136,0	Ah
Self discharge @ 25°C	per month	2 - 2,5	%
Internal Resistance	fully charged	approx 3	mΩ
Maximum current @ 25°C	charging	60	A
Short Circuit @ 25°C		>2750	A
Charge Voltage @25°C	Float (-3mV/°C/c)	2,27 - 2,29	V/Cell
Charge Voltage @25°C	Cyclic (-5mV/°C/c)	2,38 - 2,40	V/Cell

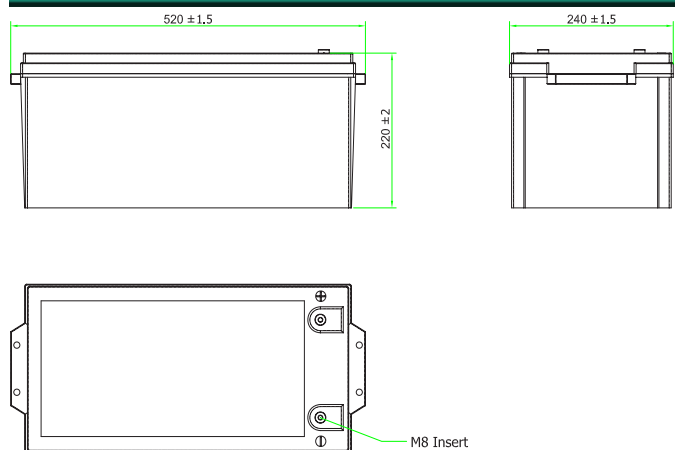
## Other specifications

Design Floating Life @ 20°C		12	Years
Dimensions LxWxH (± 1mm)		520x240x220	mm
	Total height	223	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		67,5 (±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	531	421	351	292	257	233	207	187	172	158	146	136	95,9	76,0	56,0	43,7	36,3	30,8	26,9	24,0	21,7	19,9	17,5	10,5
1,75	550	437	364	301	264	239	212	192	176	161	149	139	98,0	77,6	57,1	44,5	37,0	31,4	27,4	24,4	22,1	20,2	17,8	10,7
1,70	586	466	386	320	280	254	225	203	187	170	157	146	103	81,5	59,9	46,7	38,7	32,8	28,6	25,5	23,0	21,1	18,5	11,2
1,65	620	494	408	338	296	268	238	215	197	179	165	154	108	85,5	62,7	48,8	40,4	34,3	29,9	26,6	24,0	22,0	19,2	11,7
1,60	655	523	431	357	312	283	250	226	207	188	174	161	113	89,4	65,5	50,9	42,1	35,7	31,1	27,6	25,0	22,8	19,9	12,1

## 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	919	757	630	525	462	420	372	336	308	284	265	249	180	146	111	88,1	74,3	63,5	55,8	50,0	45,5	41,9	36,6	21,2
1,75	952	790	656	546	480	436	386	348	319	294	274	257	185	150	114	90,3	76,1	65,0	57,1	51,1	46,5	42,8	37,3	21,5
1,70	1014	824	681	567	498	452	399	360	329	303	282	265	191	154	117	92,6	78,0	66,6	58,4	52,3	47,5	43,7	38,0	22,5
1,65	1073	857	707	587	515	467	413	372	340	313	291	272	196	158	120	94,9	79,8	68,1	59,7	53,4	48,5	44,6	38,7	23,4
1,60	1133	890	733	608	533	483	426	383	350	322	299	280	202	162	123	97,2	81,7	69,6	61,0	54,5	49,5	45,5	39,4	24,3

Revision: 201603-1

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