



ESL 12-12

12V - 12h



Electrical specifications

Nominal		12V - 12	Ah
Capacity 25°C @ 1,8V/c	20h	11,8	Ah
	10h	10,9	Ah
	8h	10,24	Ah
	3h	8,73	Ah
	1h	7,11	Ah
Self discharge @ 25°C	per month	3	%
Resistance (Ohm)	fully charged	Approx. 19	mΩ
I _{max} Charge		4,8	A
I _{max} Discharge		180 (5 sec)	A
Charge Voltage @25°C	Standby	2,26 - 2,30	V/Cell
Charge Voltage @25°C	Cyclic	2,41 - 2,48	V/Cell

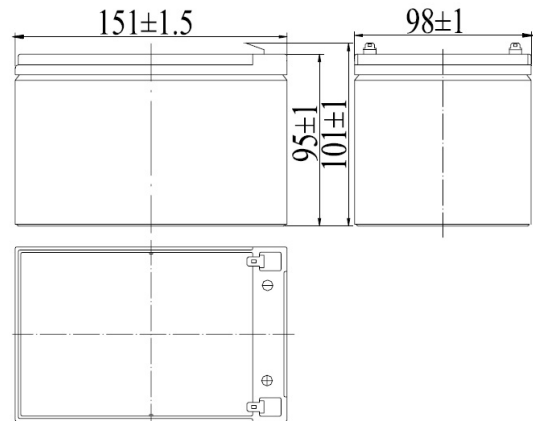
Other specifications

Design Life	12	Years
Dimensions L x W x H	151 x 98 x 95	mm
Total height	101	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 / Length	T1/T2	faston
Optional terminal types	-	
Torque setting	-	Nm
Weight	3,4 (±5%)	Kg

Innovative Features

- Completely maintenance free, sealed construction eliminates the need for adding water
- Fully tank formed plates
- Analytical grade electrolyte
- Spill proof / leak proof
- Valve regulated Max internal pressure 2,5 psi
- Multi-position usage
- ABS Container
- Low self discharge
- FAA and IATA approved as non-hazardous
- Built to comply with IEC 8962, DIN 43534, BS 6290 Pt4, Eurobat

Dimensions



Constant Amps discharge - Amps at 25°C

V/Cell	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
1,80	24.2	19.6	11.4	7.11	4.03	2.91	2.33	1.98	1.28	1.09	0.59
1,75	25.6	20.7	11.8	7.34	4.14	3.00	2.40	2.04	1.32	1.12	0.60
1,70	26.8	21.4	12.1	7.49	4.20	3.02	2.42	2.05	1.33	1.12	0.60
1,65	27.9	22.3	12.5	7.68	4.24	3.04	2.43	2.07	1.34	1.13	0.61
1,60	28.8	22.8	12.7	7.80	4.26	3.06	2.45	2.08	1.35	1.13	0.61

Constant Power Discharge - Watts at 25°C

V/Cell	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
1,80	273	224	130	82.4	47.2	34.6	27.7	23.6	15.4	13.1	7.06
1,75	289	236	135	85.0	48.4	35.6	28.6	24.4	15.8	13.4	7.20
1,70	302	244	138	86.7	49.1	35.9	28.8	24.5	16.0	13.5	7.24
1,65	315	254	143	89.0	49.6	36.1	29.0	24.7	16.1	13.5	7.28
1,60	325	260	146	90.3	49.9	36.4	29.2	24.8	16.2	13.6	7.31

Version : 2014123

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