



ESL 150-12FT

12V - 150 Ah



Electrical specifications

Nominal Voltage	12V - 150 Ah	
Capacity 25°C to 1,8V	20 hour rate	170,0 Ah
	10 hour rate	150,0 Ah
	8 hour rate	142,4 Ah
	3 hour rate	111,0 Ah
	1 hour rate	90,7 Ah
Self discharge @ 20°C	per month	2-2.5 %
Resistance ^(Ohm)	4,10 mΩ	
Impedance ^(Siemens)	1200 S	
Short Circuit @ 20°C	- A	
Charge Voltage @20-25°C	Standby	2,27 - 2,29 V/Cell
	Cyclic	2,35 - 2,40 V/Cell

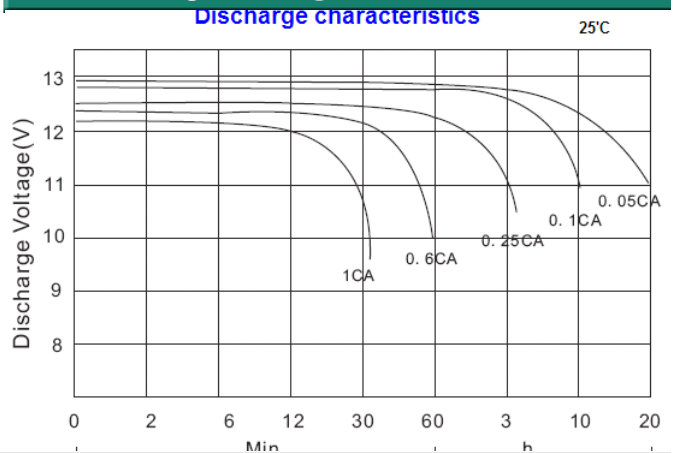
Other specifications

Design Life	12 Years	
Dimensions LxWxH	550x110x288 mm	
Total height	288 mm	
Operating Temperature	-20 to +50 °C	
Separator	Absorbant Glass Mat	
Grid alloy	Calcium / Tin lead alloy	
Case and cover	ABS - V0	
Electrolyte	Sulphuric Acid	
Terminal / Length	M6 / 12mm insert	
Optional terminal types	Cu/Lead Flag	
Torque setting	5-7 Nm	
Weight	49,5 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 Case and cover - V0
- Low self discharge
- FAA and IATA approved as non-hazardous
- Built to comply with IEC 8962, DIN 43534, BS 6290 Pt4, Eurobat

Discharge Curve @ 25°C - Rate versus Time



Constant Amps discharge - Amps at 25°C

V/Cell	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	60 min	90 min	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.80	318	226	179	171	148.0	138.0	125.8	116	108	90.7	61.2	48.8	37.0	29.6	25.6	22.1	19.8	17.8	15.0	12.9	8.6
1.75	352	243	192	177	154.5	141.5	129.0	119	110	93.0	62.8	50.0	37.5	29.9	25.8	22.3	19.8	17.8	15.0	12.9	8.6
1.70	385	261	205	183	159.0	145.0	132.0	122	113	95.2	64.3	51.3	38.0	30.3	25.9	22.4	19.9	17.9	15.0	13.0	8.6
1.65	418	278	218	188	164.5	148.5	135.0	125	116	97.5	65.8	52.5	38.5	30.7	26.0	22.5	19.9	17.9	15.1	13.0	8.7
1.60	451	296	231	194	170.0	152.0	138.0	128	119	99.8	67.3	53.7	39.0	31.1	26.1	22.6	20.0	18.0	15.1	13.1	8.7

Constant Power Discharge - Watts per Cell at 25°C

V/Cell	5 min	10 min	15 min	20 min	25 min	30 min	35 min	40 min	45 min	60 min	90 min	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1,80	543	389	325	312	276	261	237.8	219.2	205.3	172.4	116	92.7	71.3	56.8	50.1	43.6	39.0	35.3	29.6	25.8	17.2
1,75	600	419	349	323	287	267	244.6	224.5	210.8	176.7	119	94.5	72.2	57.6	50.4	43.8	39.1	35.3	29.7	25.8	17.2
1,70	657	449	372	334	297	274	250.6	230.0	215.8	181.0	122	97.0	73.1	58.3	50.7	44.0	39.2	35.4	29.8	25.9	17.3
1,65	714	479	396	345	307	281	256.6	235.7	220.8	185.3	125	99.5	74.0	59.0	50.9	44.3	39.3	35.5	29.8	25.9	17.3
1,60	771	509	419	356	317	287	261.6	241.2	225.8	189.6	128	102.0	74.9	59.7	51.1	44.5	39.4	35.6	29.9	26.0	17.4

Revision: 201410

Your Wing Dealer :



Wetac Stand-by bv (NL)
Wetac Stand-by bv (CZ)
Wetac UK Ltd.
BSOL Batteriesysteme GmbH

orderdesk@wetac.nl
orderdesk@wetac.nl
technicaluk@wetac.com
info@bsol.de

00 31 (0)318 696 190
00 420 732 172 800
00 44 (0)1204 366 728
00 49 (0)2173 330 330

