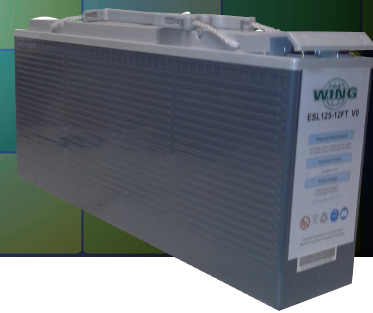




ESL 125-12FT

12V - 125 Ah



Electrical specifications

Nominal Voltage		12V - 125	Ah
Capacity 25°C to 1,8V	20 hour rate	130,0	Ah
	10 hour rate	120,0	Ah
	8 hour rate	114,4	Ah
	3 hour rate	100,8	Ah
	1 hour rate	72,0	Ah
Self discharge @ 20°C	per month	2-2.5	%
Resistance ^(Ohm)		4,32	mΩ
Impedance ^(Siemens)		1300	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

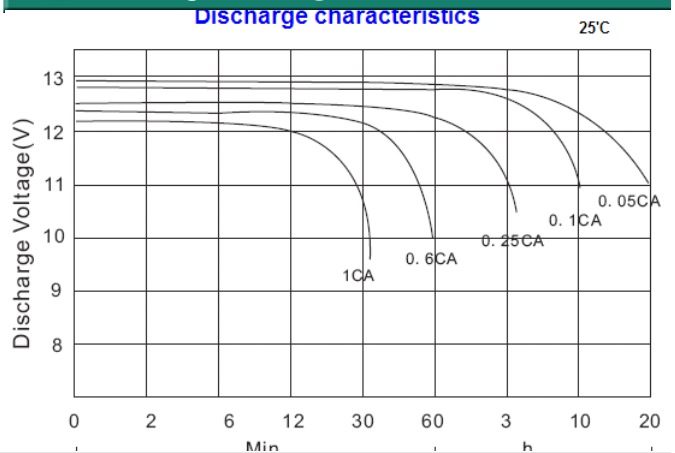
Other specifications

Design Life		12	Years
Dimensions LxWxH		550x110x241	mm
	Total height	241	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		M8 / 20mm	insert
Optional terminal types		Cu/Lead Flag	
Torque setting		5-7	Nm
Weight		36,0	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	253	217	191	137.0	119	119	101.0	93	86.7	72.0	48.4	38.7	33.6	23.6	20.0	17.7	15.8	14.3	12.0	10.4	6.5
1.75	278	232	202	142.5	124	121	103.5	96	89.0	73.2	49.6	39.6	33.6	23.9	20.2	17.8	15.8	14.3	12.0	10.4	6.5
1.70	304	250	210	147.0	128	125	106.0	98	91.0	75.6	50.8	40.6	34.8	24.2	20.3	17.8	15.9	14.3	12.1	10.4	6.5
1.65	328	268	221	151.5	132	127	108.5	100	93.0	76.8	52.1	41.6	34.8	24.5	20.4	17.9	15.9	14.4	12.1	10.5	6.6
1.60	353	284	232	156.0	136	130	111.0	102	95.0	78.0	53.3	42.6	36.0	24.8	20.5	18.0	16.0	14.4	12.1	10.5	6.6

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	478	410	376	251.0	222	222	190.9	176.0	164.7	136.8	92.0	73.5	66.0	45.3	36.8	34.8	31.2	28.2	23.0	20.7	12.8
1,75	508	434	391	260.5	230	222	195.0	180.4	169.0	138.0	94.6	75.5	66.0	45.9	37.0	34.9	31.2	28.3	23.0	20.7	12.8
1,70	538	458	407	269.0	239	223	200.0	184.8	173.0	140.4	96.8	77.3	67.2	46.5	37.2	35.1	31.3	28.4	23.2	20.7	12.8
1,65	568	484	421	277.5	247	224	205.0	189.2	177.0	142.8	99.0	79.1	67.2	47.0	37.6	35.3	31.4	28.4	23.2	20.8	12.8
1,60	596	508	438	286.0	255	226	209.9	193.6	181.0	145.2	101.2	80.9	67.2	47.5	37.8	35.5	31.5	28.5	23.2	20.9	12.8

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

