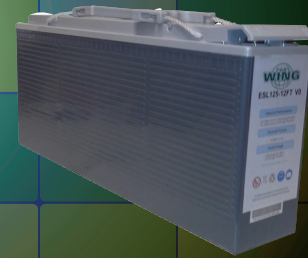




ESL 125 - 12 FT

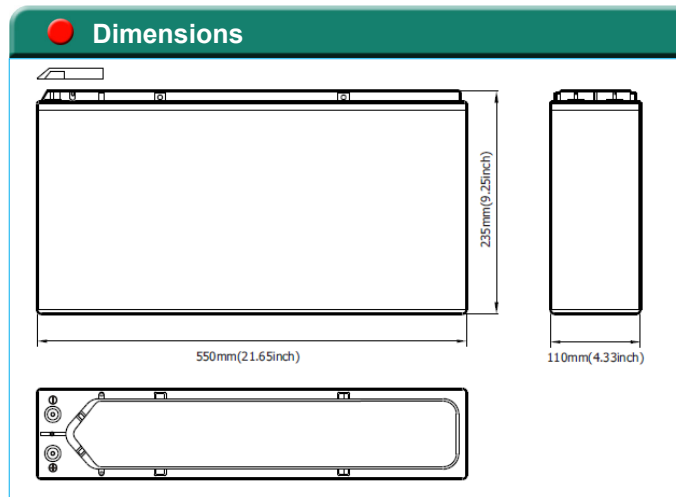
12V - 125 Ah



Electrical specifications			
Nominal Voltage			12 V
Capacity 25°C to 1,8V/c	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 @ 25°C	per month		2,5 - 3 %
Internal Resistance	fully charged		5,79 mΩ
Impedance	fully charged		1140 S
Maximum current	charging		15 A
Charge Voltage @25°C	Float (-3mV/°C/c)	2,25 - 2,29	V/Cell
Charge Voltage @25°C	Cyclic (-5mV/°C/c)	2,37 - 2,40	V/Cell

- | 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 |
| • | Low self discharge |
| • | FAA and IATA approved as non-hazardous |
| • | Built to comply with IEC 8962, DIN 43534, BS 6290 Pt4, Eurobat |

Other specifications			
Design Floating Life @20°C			12 Years
Dimensions LxWxH (± 2mm)		550x110x235	mm
	Total height		235 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 / 20mm	insert
Optional terminal types		none	
Torque setting		18	Nm
Weight		35,5 (±5%)	kg



Constant Amps discharge - Amps at 25°C																								
V/Cell	5min	10min	15min	20min	25min	30min	35min	40min	45min	50min	55min	60min	90min	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	253	217	191	137	119	119	101	93,0	86,7	81,3	76,7	72,0	48,4	38,7	33,6	23,6	20,0	17,7	15,8	14,3	13,0	12,0	10,4	6,50
1,75	278	232	202	143	124	121	104	96,0	89,0	83,0	78,6	73,2	49,6	39,6	33,6	23,9	20,2	17,8	15,8	14,3	13,0	12,0	10,4	6,50
1,70	304	250	210	147	128	125	106	98,0	91,0	85,0	80,4	75,6	50,8	40,6	34,8	24,2	20,3	17,8	15,9	14,3	13,0	12,1	10,4	6,50
1,65	328	268	221	152	132	127	109	100	93,0	87,0	82,2	76,8	52,1	41,6	34,8	24,5	20,4	17,9	15,9	14,4	13,1	12,1	10,5	6,60
1,60	353	284	232	156	136	130	111	102	95,0	89,0	84,0	78,0	53,3	42,6	36,0	24,8	20,5	18,0	16,0	14,4	13,1	12,1	10,5	6,60

Constant Power Discharge - Watts/Cell at 25°C																								
V/Cell	5min	10min	15min	20min	25min	30min	35min	40min	45min	50min	55min	60min	90min	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	478	410	376	251	222	222	191	176	165	154	141	137	92,0	73,5	66,0	45,3	36,8	34,8	31,2	28,2	25,8	23,0	20,7	12,8
1,75	508	434	391	261	230	222	195	180	169	158	146	138	94,6	75,5	66,0	45,9	37,0	34,9	31,2	28,3	25,8	23,0	20,7	12,8
1,70	538	458	407	269	239	223	200	185	173	162	151	140	96,8	77,3	67,2	46,5	37,2	35,1	31,3	28,4	25,9	23,2	20,7	12,8
1,65	568	484	421	278	247	224	205	189	177	166	155	143	99,0	79,1	67,2	47,0	37,6	35,3	31,4	28,4	25,9	23,2	20,8	12,8
1,60	596	508	438	286	255	226	210	194	181	170	160	145	101	80,9	67,2	47,5	37,8	35,5	31,5	28,5	26,0	23,2	20,9	12,8

Revision: 201512-1

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