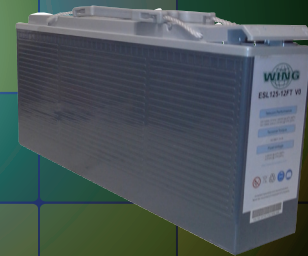




ESL 125 - 12 FT

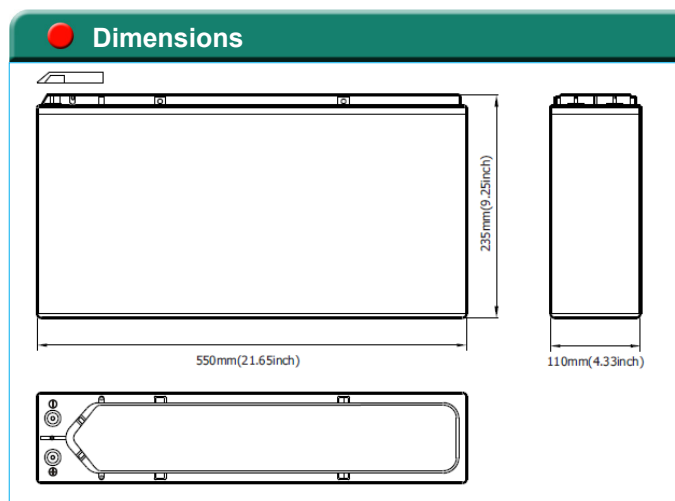
12V - 125 Ah



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	4,3	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)		551x110x239	mm
	Total height	239	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		13	Nm
Weight		37 (±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	331	221	174	143	124	110	102	94,3	86,4	79,3	74,6	70,7	52,1	43,2	30,3	24,9	21,2	18,6	16,2	14,6	13,3	12,5	10,6	6,56
1,75	351	234	184	151	131	114	105	97,6	89,3	81,9	76,9	72,9	53,6	44,3	31,3	25,6	21,9	19,1	16,7	15,0	13,5	12,6	10,7	6,61
1,70	367	245	190	157	135	118	108	100	91,1	83,3	78,2	74,4	54,5	45,0	31,5	25,8	22,0	19,3	16,8	15,1	13,6	12,6	10,7	6,65
1,65	382	255	197	163	141	121	111	103	93,4	85,2	80,2	76,3	55,4	45,4	31,7	26,0	22,2	19,4	16,9	15,2	13,7	12,7	10,8	6,67
1,60	394	263	202	167	144	124	113	105	95,1	86,6	81,5	77,5	56,0	45,7	31,9	26,1	22,3	19,5	17,0	15,3	13,7	12,7	10,8	6,68

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	595	400	318	263	229	204	188	175	162	148	140	134	100	83,3	59,3	48,7	41,8	36,5	32,1	28,8	26,3	24,8	21,1	13,1
1,75	632	424	336	278	241	211	195	182	167	153	145	139	102	85,5	61,3	50,2	43,2	37,7	32,9	29,7	26,8	25,1	21,3	13,2
1,70	660	443	348	287	249	218	200	186	170	156	147	141	104	86,8	61,7	50,5	43,3	38,0	33,2	29,8	26,9	25,2	21,4	13,3
1,65	687	461	361	298	259	224	206	191	175	159	151	145	106	87,7	62,2	51,0	43,7	38,2	33,4	30,2	27,1	25,2	21,4	13,3
1,60	710	476	370	306	265	229	210	194	178	162	153	147	107	88,2	62,5	51,2	44,0	38,5	33,6	30,3	27,2	25,3	21,5	13,4

Revision: 201906-1

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