



ESL 150 - 12 FT

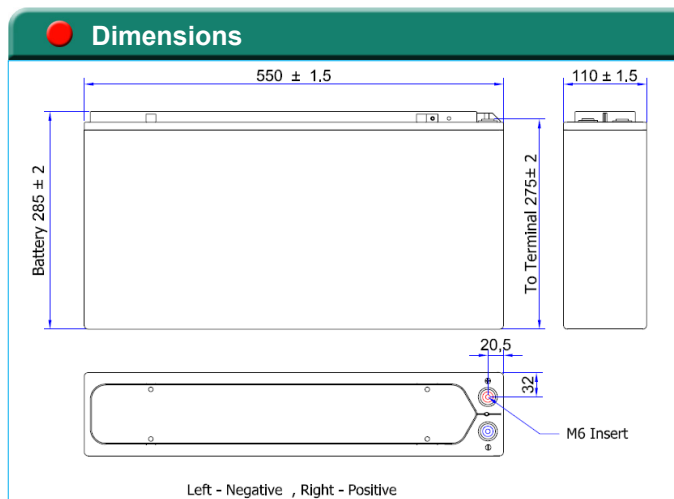
12V - 150 Ah



Electrical specifications			
Nominal Voltage			12 V
Capacity 25°C to 1,8V/c	20 hour rate		172,0 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 @ 25°C	per month		2,5 - 3 %
Internal Resistance	fully charged		4,92 mΩ
Impedance	fully charged		1320 S
Maximum current	charging		15 A
Charge Voltage @25°C	Float (-3mV/°C/c)	2,25 - 2,29	V/Cell
	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)		550x110x285	mm
	Total height		285 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		8	Nm
Weight		48,5 (±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	318	226	179	171	148	138	126	116	108	101	95,7	90,7	61,2	48,8	37,0	29,6	25,6	22,1	19,8	17,8	16,2	15,0	12,9	8,60
1,75	352	243	192	177	155	142	129	119	110	104	98,5	93,0	62,8	50,0	37,5	29,9	25,8	22,3	19,8	17,8	16,2	15,0	12,9	8,60
1,70	385	261	205	183	159	145	132	122	113	106	101	95,2	64,3	51,3	38,0	30,3	25,9	22,4	19,9	17,9	16,3	15,0	13,0	8,60
1,65	418	278	218	188	165	149	135	125	116	109	103	97,5	65,8	52,5	38,5	30,7	26,0	22,5	19,9	17,9	16,3	15,1	13,0	8,70
1,60	451	296	231	194	170	152	138	128	119	111	105	99,8	67,3	53,7	39,0	31,1	26,1	22,6	20,0	18,0	16,4	15,1	13,1	8,70

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	543	389	325	312	276	261	238	219	205	193	182	172	116	92,7	71,3	56,8	50,1	43,6	39,0	35,3	32,2	29,6	25,8	17,2
1,75	600	419	349	323	287	267	245	225	211	197	186	177	119	94,5	72,2	57,6	50,4	43,8	39,1	35,3	32,2	29,7	25,8	17,2
1,70	657	449	372	334	297	274	251	230	216	202	191	181	122	97,0	73,1	58,3	50,7	44,0	39,2	35,4	32,3	29,8	25,9	17,3
1,65	714	479	396	345	307	281	257	236	221	207	195	185	125	99,5	74,0	59,0	50,9	44,3	39,3	35,5	32,4	29,8	25,9	17,3
1,60	771	509	419	356	317	287	262	241	226	212	200	190	128	102	74,9	59,7	51,1	44,5	39,4	35,6	32,5	29,9	26,0	17,4

Revision: 201512-2

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