



# ESL 134-12

## 12V - 134 Ah



### Electrical specifications

Nominal Voltage	12 V	
Capacity @20-25°C to 1,8V/c	20 hour rate	158,8 Ah
	10 hour rate	147,0 Ah
	8 hour rate	143,2 Ah
	3 hour rate	123,6 Ah
	1 hour rate	98,6 Ah
Self discharge @ 20°C	per month	2,5 - 3 %
Resistance @ 20-25°C	fully charged	approx 3,2 mΩ
Impedance @ 20-25°C	fully charged	1300 S
Short Circuit @ 20°C	3750 A	
Charge Voltage @ 20-25°C	Float (-3mV/°C/c)	2,27 - 2,29 V/Cell
	Cyclic (-5mV/°C/c)	2,35 - 2,40 V/Cell

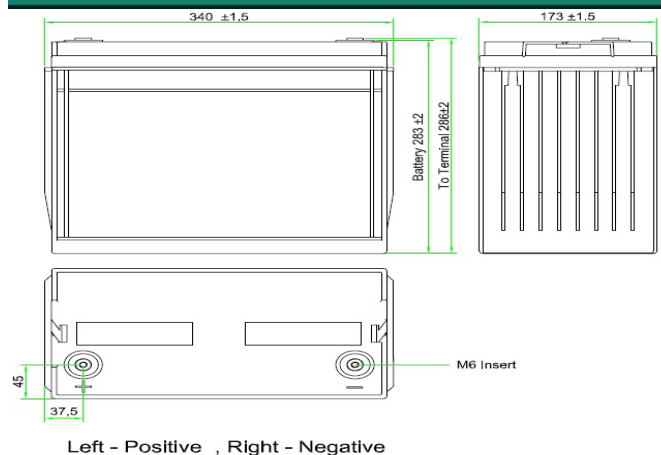
### Other specifications

Design Floating Life @ 20°C	12 Years	
Dimensions LxWxH (± 1mm)	340x173x283 mm	
Total height	286 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	bold M6 / 20mm	insert
Optional terminal types	none	
Torque setting	5-7 Nm	
Weight	43,3 (±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
- Low self discharge
- FAA and IATA approved as non-hazardous
- Built to comply with IEC 8962, DIN 43534, BS 6290 Pt4, Eurobat

### Dimensions



### Constant Amps Discharge - Amps at 25°C

V/Cell	5	10	15	20	25	30	35	40	45	50	55	60	90	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	357	280	242	207	182	162	145	132	122	114	105	98,6	72,5	57,8	41,2	32,4	26,7	22,9	20,0	17,9	16,1	14,7	12,6	7,94
1,75	380	298	257	220	194	172	155	141	129	121	113	105	77,1	61,4	43,8	34,5	28,4	24,3	21,3	19,0	17,2	15,7	13,4	8,45
1,70	389	305	263	225	198	176	158	144	132	123	115	107	78,8	62,8	44,8	35,2	29,0	24,9	21,8	19,4	17,6	16,0	13,7	8,63
1,65	393	309	266	228	200	178	160	145	134	123	115	109	79,8	63,6	45,4	35,7	/	/	/	/	/	/	/	/
1,60	397	312	269	230	202	180	162	147	135	126	117	110	80,6	64,2	45,8	36,0	/	/	/	/	/	/	/	/

### Constant Power Discharge - Watts per cell at 25°C

V/Cell	5	10	15	20	25	30	35	40	45	50	55	60	90	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	938	587	463	393	343	310	284	262	242	222	208	194	141	112	81,3	63,9	53,4	45,8	40,1	35,7	32,1	29,5	25,3	16,3
1,75	998	624	493	418	365	330	302	279	257	240	225	206	150	119	86,5	68,0	56,8	48,7	42,7	37,9	34,9	31,4	26,9	17,3
1,70	1020	638	505	427	373	337	309	285	263	244	228	211	153	122	88,4	69,5	58,0	49,8	43,6	38,8	35,4	32,1	27,5	17,7
1,65	1033	646	510	432	378	341	313	289	266	247	231	214	155	123	89,5	70,4	/	/	/	/	/	/	/	/
1,60	1043	652	515	436	381	344	316	292	269	251	235	216	156	125	90,3	71,1	/	/	/	/	/	/	/	/

Revision: 201512-1

Your Wing Dealer :

