



ESL 100-FTHT

12V - 100 Ah



Electrical Specifications @ 25°C

Nominal Voltage		12 V
Capacity	C10 / 1,80V	100 Ah
	C5 / 1,75V	86,0 Ah
	C3 / 1,70V	79,2 Ah
	C1 / 1,60V	63,5 Ah
Self Discharge @20°C	per Month	≈ 3 %
Resistance	fully charged	≈ 6,3 mΩ
Standby use	+/- 1%	2,20-2,30 V
Temp. correction factor	+/- 1%	-20 mV / °C / c
Cyclic use	+/- 1%	2,40-2,45 V
Max. charging current	+/- 1%	30 A
Temp. correction factor		-30 mV / °C / c

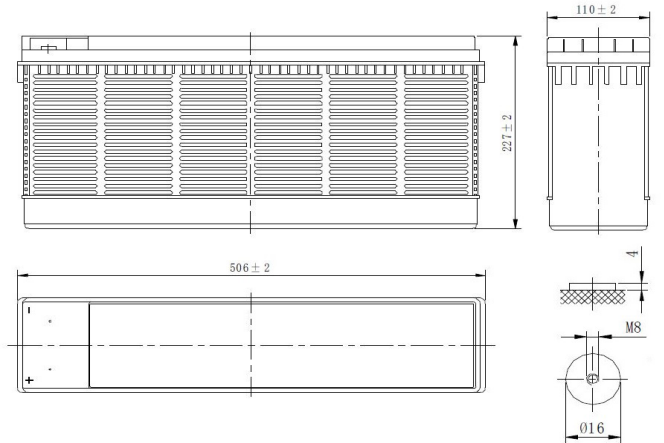
Other Specifications @ 25°C

Design Life @35°C		12 Years
Dimensions (LxWxH1) ± 3		506x110x227 mm
Total Height (H2)		227 mm
Operating temp.		-30 ~ +80 °C
Charge Operation temp		-10 ~ 70 °C
Container		ABS
Separator		Fiberglass
Electrolyte		Gelled Acid
Terminal / Length		M8 / 16 bold / mm
Optional terminal types		-
Torque setting		± 12.4 Nm
Weight (±2%)		32,5 kg

Innovative Features

- Wide operating temperature range : -30 °C to +80 °C
- Patented anti-corrosion grid technology
- Special Battery separator technology
- Special Containers & lids with thermostability
- Special structure design with compression resistance and impact resistance
- Save 50% cost of air conditioners power consumption
- 100% air conditioner maintenance saving
- 30% CO2 gas emission reduce;
- 100% condensing agent saving, no condensing agent pollution

Dimensions / Pole settings



Constant Current Discharge - Ampere @ 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	196	153	132	115	102	93,0	83,8	76,2	68,0	62,4	59,0	55,1	40,5	32,6	24,6	19,7	16,8	14,6	13,1	11,9	11,0	10,0	8,75	5,87
1,75	216	169	143	124	109	97,0	87,4	80,2	71,6	65,7	61,5	57,5	42,3	34,0	25,7	20,6	17,2	15,0	13,4	12,0	11,0	10,0	8,73	6,01
1,70	238	186	154	131	114	102	91,9	82,8	73,9	67,8	63,7	59,5	43,8	35,2	26,4	21,1	17,8	15,5	14,0	12,0	11,0	10,0	8,99	6,22
1,65	257	201	165	138	119	106	95,5	86,0	76,4	72,0	65,8	61,5	45,2	36,4	27,1	21,7	18,1	15,7	14,1	13,0	11,0	10,1	9,05	6,33
1,60	279	218	186	151	127	110	99,1	88,3	78,8	72,3	67,9	63,5	46,7	37,6	27,8	22,2	18,5	16,1	14,5	13,1	12,1	10,1	9,64	6,47

Constant Power Discharge - Watt @ 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h	12h	20h
1,80	370	294	254	224	197	170	153	141	128	119	110	103	78,3	62,3	47,8	40,2	34,6	31,1	28,4	26,0	23,9	22,1	19,4	13,7
1,75	398	316	270	238	211	182	164	147	134	125	118	110	80,3	63,1	49,1	41,2	35,5	32,0	29,1	26,6	24,5	22,7	19,9	14,2
1,70	425	337	286	252	226	195	176	154	140	130	123	115	84,0	66,4	50,1	42,1	35,8	32,2	29,4	26,9	24,7	22,9	20,0	14,6
1,65	451	358	303	267	231	199	179	158	144	134	125	117	85,4	68,1	51,2	43,0	36,1	32,5	29,6	27,1	24,9	23,1	20,2	14,7
1,60	479	380	319	281	239	206	185	165	150	140	129	121	88,3	70,1	52,3	43,9	36,5	32,9	29,9	27,4	25,2	23,4	20,4	14,8

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Your Wing Dealer :



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