



ESL 400-2

2V - 400 Ah



Electrical specifications

Nominal Voltage	2 V	
Capacity @20-25°C to 1,8V/c	20 hour rate	- Ah
	10 hour rate	400,0 Ah
	8 hour rate	390,4 Ah
	3 hour rate	315,0 Ah
	1 hour rate	230,0 Ah
Self discharge @ 20°C	per month	2,5 - 3 %
Resistance @ 20-25°C	fully charged	approx 0,42 mΩ
Impedance @ 20-25°C	fully charged	- S
Short Circuit @ 20°C	2200 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

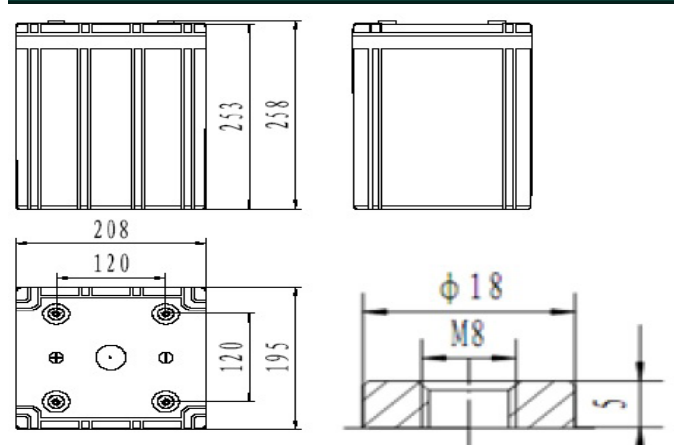
Other specifications

Design Floating Life @ 20°C	12 Years	
Dimensions LxWxH (± 1mm)	195x208x253 mm	
	Total height	
		258 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 M8 / 16mm insert	
Optional terminal types	none	
Torque setting	7-10 Nm	
Weight	25,6 (±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	5m	10m	15m	20m	30m	40m	50m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h
1,80	696	595	514	452	364	304	259	230	177	144	105	83,7	70,0	60,5	53,4	48,8	43,4	40,0
1,75	793	643	545	474	378	314	268	240	182	148	107	85,0	70,9	61,3	54,1	49,4	43,8	40,5
1,70	906	698	578	497	392	323	274	243	184	151	109	86,1	71,8	62,1	54,6	49,9	44,2	40,7
1,65	993	761	625	534	415	340	286	251	189	153	110	87,2	72,6	62,7	55,0	50,3	44,7	41,1
1,60	1092	831	677	573	440	357	298	255	194	156	112	88,3	73,5	63,3	55,5	50,8	45,1	41,4

Constant Power Discharge - Watts per cell at 25°C

V/Cell	5m	10m	15m	20m	30m	40m	50m	60m	90m	2h	3h	4h	5h	6h	7h	8h	9h	10h
1,80	1062	950	813	719	565	476	425	383	306	253	187	150	127	111	100	92,9	82,7	75,3
1,75	1156	1036	888	781	603	504	441	401	315	260	191	152	129	113	102	94,2	83,8	76,5
1,70	1290	1120	952	840	643	537	462	421	324	266	195	155	132	114	103	95,4	85,1	77,5
1,65	1462	1223	1024	898	689	566	488	433	333	274	199	158	134	116	104	96,6	86,1	78,3
1,60	1591	1347	1118	974	742	601	513	449	346	283	205	162	136	118	106	97,8	87,4	79,7

Revision: 201512-1

Your Wing Dealer :

