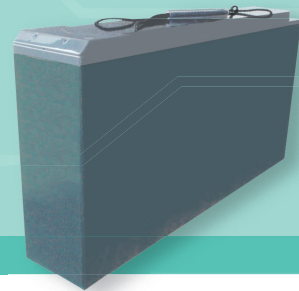




ESL 150-12FT



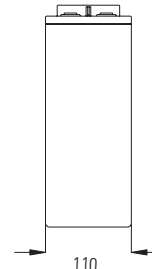
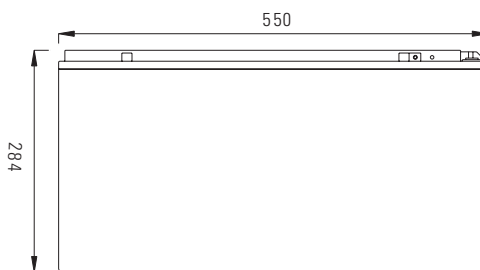
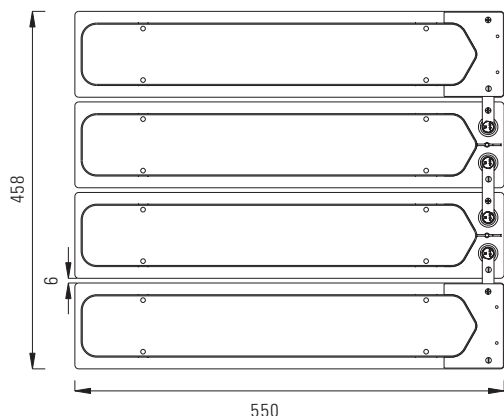
Features

- Compactness
- ETSI / 19" / 23" Integration
- Modularity
- Rackable Standard component
- Long life
- Use under extreme conditions
- High power volume ratio
- Maintenance free utilising VRLA technology
- Low Installation costs
- Front Connections and terminal access
- Long Design Life - 12 years
- Rope handles on 100Ah upwards
- Central gassing system and hinged front covers on all models
- Integral flame arrestor
- Low Internal resistance
- Recyclable lead and plastics
- Designed to meet BELLCORE, BS6290 Pt4, IEC 896-2 recommendations
- Utilising Gel technology
- Excellent Cycling ability
- Low self discharge rates
- Compression plate absorbs grid expansion

Specifications

- Nominal Voltage.....12 Volts
- Design Life12 Years
- Operating Temperature...-20 °C to 50 °C
- Grid alloy.....Calcium /Tin lead alloy
- Plates.....Flat Pasted
- Separator.....AGM - Absorbant Glass Mat
- Active material.....Very high purity lead
- Case and cover.....ABS (VO on request)
- Charge VoltageFloat 2.27 - 2.30 VPC @25 °C
Cycling 2.35 @25 °C
Max. 2.4 VPC Max ripple 0.05C (A)
- ElectrolyteSulphuric acid Analytical grade purity
- Venting ValveEPDM Rubber 1.5 to 2 psi (10.5 - 14 KPa) release pressure. Resealing at 1 psi (7 KPa)
- Terminal.....Epoxy sealed by extended mechanical paths
- Torque setting.....The recommended torque value for all types is 5-7 Nm
- Connectors.....Supplied as standard

Terminal Dimensions



Specifications

Nominal Voltage	12V		
Nominal Capacity	150 Ah C10		
Dimensions	Total Height - (Inc. terminal s)	285 mm - n/a mm	11,22 inches - n/a inches
	Length - Width	550 mm - 110 mm	21,65 inches - 4,33 inches
Weight 47,1 Kg - 104,09 lbs			

Characteristics

Capacity 20 °C (68 °F) To 1.7 volts	20 hour rate 10 hour rate 5 hour rate 1 hour rate 15 min rate Internal Resistance Impedance	166,6 Ah 159,8 Ah 156,1 Ah 110,6 Ah 72,5 Ah 2,6 mOhms S
Capacity correction for Temperature Variations (C20)	40 °C (104 °F) 20 °C (68 °F) 0 °C (32 °F) -15 °C (5 °F)	102% 100% 85% 65%
Self-Discharge 20 °C (68 °F)	Capacity after 1 months storage Capacity after 3 months storage Capacity after 6 months storage	98% 94% 86%
Short Circuit Current 20 °C (68 °F)	1300	
Terminal	Standard Optional	16mm Insert M6 thread
Charging (Constant Voltage)	Cyclic Float	2.40 VPC (15-25 °C) 2.27 - 2.30 VPC (15-25 °C)

Constant Power Discharge - Watts per Cell at 20°C

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr
1.85	620	504	417	350	303	273	246	227	209	169	119	93.3	66.9	53.3
1.80	716	597	499	420	365	330	298	276	255	208	146	114	82.5	65.5
1.75	763	620	513	430	372	335	303	279	258	208	146	115	82.6	65.6
1.70	812	643	528	440	379	340	307	283	260	208	146	116	82.7	65.8
1.65	835	654	533	442	380	341	307	283	260	208	146	116	82.7	-
1.60	884	679	544	449	385	343	308	283	261	208	146	116	82.7	-

Constant Amps discharge - Amps at 20°C

End V per Cell	5 M	10 M	15 M	20 M	25 M	30 M	35 M	40 M	45 M	60 M	90 M	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	333	270	223	186	161	144	130	119	110	88.6	62.3	48.2	34.3	27.2	22.8	15.3	12.7	10.9	6.94
1.80	390	324	270	226	195	176	158	146	135	109	76.8	59.5	42.3	33.4	27.9	18.5	15.2	12.9	7.86
1.75	421	340	280	233	201	180	162	149	137	110	77.1	59.6	42.3	33.5	28.0	18.7	15.4	13.1	8.10
1.70	452	356	290	240	206	184	165	151	139	111	77.4	59.7	42.4	33.5	28.1	18.8	15.6	13.3	8.33
1.65	467	363	294	242	207	185	165	152	139	111	77.5	59.8	42.5	-	-	-	-	-	-
1.60	496	378	301	247	210	186	166	152	140	111	77.6	59.8	42.5	-	-	-	-	-	-

Ampere Hour at 20 °C

End V per Cell	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	96.3	103	109	114	122	127	130	139
1.80	119	127	134	139	148	152	155	157
1.75	119	127	134	140	149	154	157	162
1.70	119	127	134	141	150	156	160	167
1.65	120	127	-	-	-	-	-	-
1.60	120	128	-	-	-	-	-	-