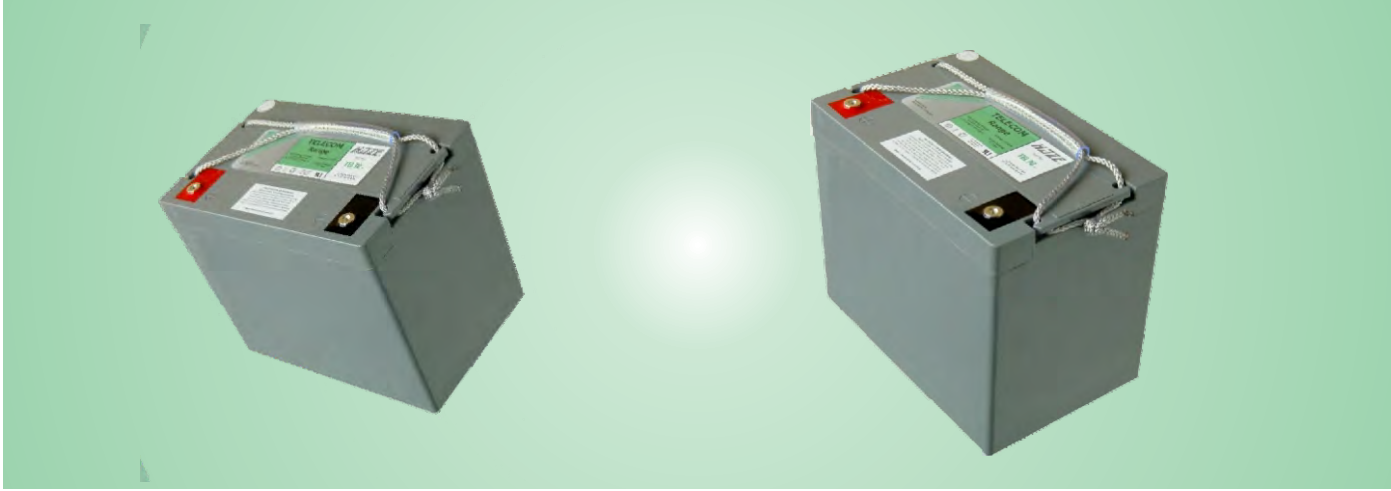


TELECOM RANGE



Model No. TEL 70 (12 Volts, 86.4 Ah at 8 hour Rate to 1.75 vpc)
Valve Regulated Lead Acid Battery for communications
standby power & UPS applications

Innovative Features

- ◆ Completely maintenance free, sealed construction eliminates the need for watering
- ◆ Fully tank formed plates
- ◆ Analytical Grade electrolyte
- ◆ Spill proof / leak proof
- ◆ Valve regulated Max internal pressure 2.5 psi
- ◆ Multi-position usage
- ◆ ABS Case & Cover Flame Retardant meets UL 94 VO requirements
- ◆ Low self discharge
- ◆ FAA and IATA approved as non-hazardous
- ◆ Designed to comply with Bellcore TR-NWT-000766, Bellcore TR-NWT-000909, ANSI T1.330-1997, Telcordia SR 4228, British Standard BS 6290 Part 4, IEC 896 Part 2, Eurobat, DIN 43534
- ◆ UL Recognized, ISO 9001

Ampere Hour Capacity at 77°F (25°C) to 1.75 vpc

Discharge Time in Hrs	1	2	3	4	5	6	7	8	10
Ampere Hour Capacity	61.8	68.2	72.9	77.2	80.0	82.8	84.7	86.4	88.5

Website: www.hazebattery.com/usa
E mail : customerservice@hazebattery.com
Ph: 952-746-7528 Fax: 952-746-7527



Sealed Lead Acid 12 Volt Bloc AGM Range

Specifications

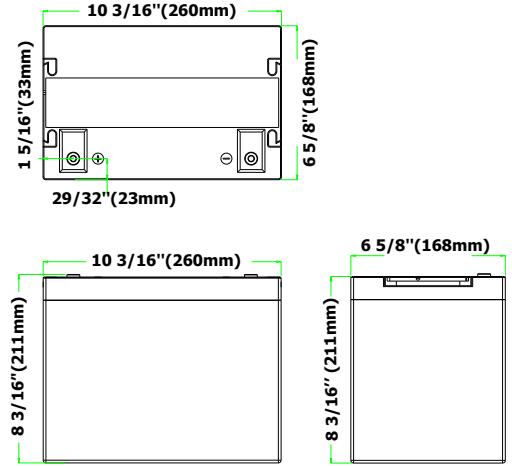
Nominal Voltage		12V	
Nominal Capacity		91.3 Ah	C20
Dimensions	Total Height (Inc terminals)	8.31 inches n/a	211 mm n/a
	Length	10.24 inches	260 mm
	Width	6.61 inches	168 mm
	Weight	57.46 lbs	26 Kg



Haze Battery Company Ltd

Characteristics

Capacity 77°F (25°C) to 1.75 vpc	20 hour rate	91.3 Ah
	10 hour rate	88.5 Ah
	5 hour rate	80 Ah
	2 hour rate	68.2 Ah
	1 hour rate	61.8 Ah
	Internal Resistance	4 mOhms
Capacity correction for temperature Variations (C20)	104°F (40°C)	102%
	68°F (20°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self Discharge 77°F (25°C)	Capacity after 1 month storage	98%
	Capacity after 3 months storage	94%
	Capacity after 6 months storage	86%
Short Circuit Current 77°F (25°C)	2400	
Terminal	Standard	16mm Insert M6 thread
Charging (Constant Voltage)	Cyclic	2.35 - 2.40 vpc (59 -77°F)
	Float	2.27 - 2.30 vpc (59 -77°F)



End V per Cell	Ampere Hour at 77°F (25°C)										
	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.85	52.8	59.5	64.2	67.8	70.6	73.0	74.6	76.1	77.9	78.7	80.3
1.80	56.4	63.5	68.6	72.4	75.4	78.0	79.7	81.3	83.2	84.1	85.8
1.75	60.0	67.6	73.0	77.0	80.2	83.0	84.8	86.5	88.5	89.4	91.3
1.70	61.3	69.1	74.6	78.7	82.0	84.8	86.7	88.4	90.5	91.4	93.3

End V per Cell	Constant Amps Discharge - Amps at 77°F (25°C)										
	1 hr	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
1.85	52.80	29.70	21.40	16.90	14.10	12.20	10.70	9.52	7.79	6.56	4.02
1.80	56.40	31.80	22.90	18.10	15.10	13.00	11.40	10.20	8.32	7.01	4.29
1.75	60.00	33.80	24.30	19.30	16.00	13.80	12.10	10.80	8.85	7.45	4.56
1.70	61.30	34.50	24.90	19.70	16.40	14.10	12.40	11.10	9.05	7.62	4.66

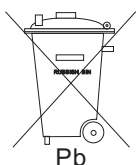
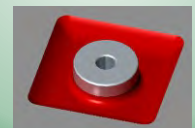
End V per Cell	Constant Power Discharge - Watts/Cell at 77°F (25°C) in Minutes										
	5	10	15	20	25	30	35	40	45	60	90
1.67	517.0	370.0	302.0	257.0	223.0	197.0	178.0	163.0	149.0	120.0	86.6

Specifications

Design Life	12 Years
Operating Temperature	-4 °F to 122 °F
Grid alloy	Calcium / Tin lead alloy
Plates	Flat Pasted
Separator	Absorbant Glass Mat
Active material	Very high purity lead
Charge Voltage	Float 2.27 - 2.30 VPC @77 °F Cycling 2.35 @77 °F Max. 2.4 VPC Max ripple 0.05C (A)
Electrolyte	Sulphuric acid Analytical grade purity
Venting Valve	EPDM Rubber 1.5 to 2 psi (10.5 - 14 KPa) release pressure. Resealing at 1 psi (7 KPa)
Torque setting	The recommended torque value for all types is 44-62 inch-pounds

Terminal Details

Insert are made from brass with copper, nickel and silver plating giving excellent mechanical, electrical and corrosion resistant properties.



Haze Battery Company keenly encourages environmental awareness; PLEASE follow guidelines for the recycling /disposal of lead.



UL Recognized Component MH 20947

