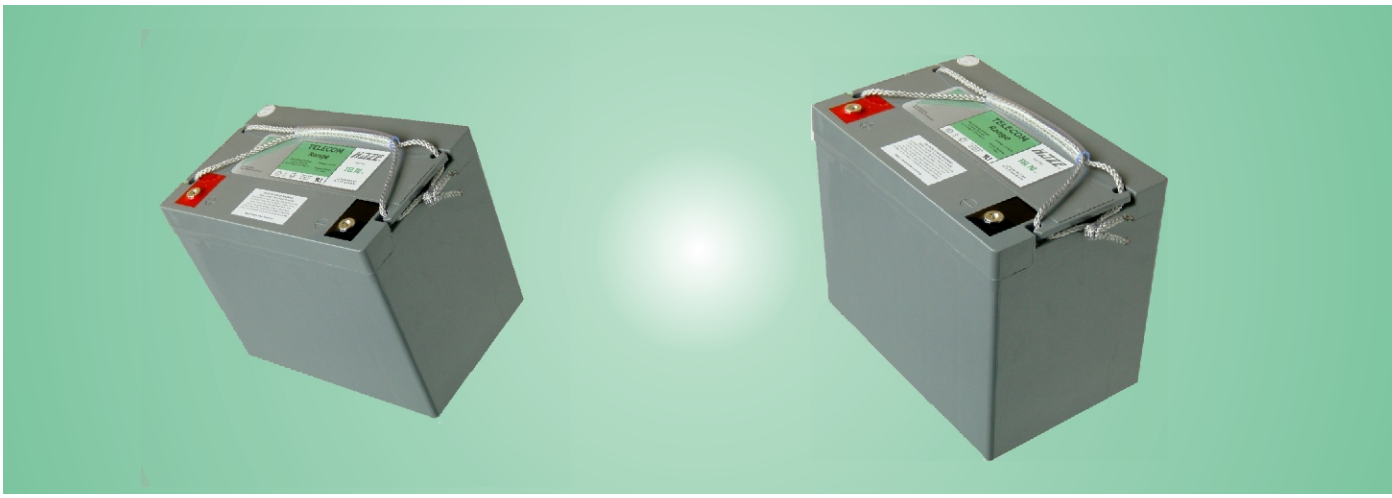
TELECOM
RANGE

Haze Battery Company



Model No. TEL 70 (12 Volts, 74.9 Ah at 8 hour Rate to 1.75 vpc)

Valve Regulated Lead Acid Battery for communications standby power 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	53.3	58.2	61.6	64.6	67.5	70.4	73.1	74.9	78.2

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Sealed Lead Acid 12 Volt Bloc AGM Range

Specifications

Nominal Voltage		12V	
Nominal Capacity		85.7 Ah	
Dimensions	Total Height	8.19 inches	208 mm
	(Inc terminals)	n/a	n/a
	Length	10.2 inches	259 mm
	Width	6.61inches	168 mm
	Weight	52.38 lbs	23.7 Kg

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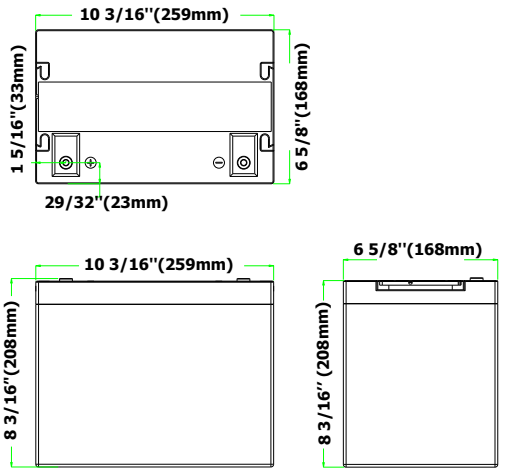
Characteristics

Capacity 77°F (25°C) to 1.75 vpc	20 hour rate	85.7 Ah
	10 hour rate	78.2 Ah
	5 hour rate	67.5 Ah
	2 hour rate	58.2 Ah
	1 hour rate	53.3 Ah
	Internal Resistance	5 mOhms
Capacity correction for temperature Vatiations (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	14mm Insert M6 thread
Charging (Constant Voltage)	Float	2.27 - 2.30 vpc (59 -77°F)



End V per	**Ampere Hour at 77°F (25°C)**								
Cell	*1 hr*	*2 hr*	*3 hr*	*4 hr*	*5 hr*	*8 hr*	*10 hr*	*12 hr*	*20 hr*
1.85	50.9	56.3	59.3	62.2	64.9	72.1	75.1	77.3	81.5
1.80	52.4	57.3	60.3	63.3	66.2	73.6	77.0	79.2	84.4
1.75	53.3	58.2	61.6	64.6	67.5	74.9	78.2	80.4	85.7
1.70	54.2	59.0	62.5	65.5	68.6	76.5	79.6	81.8	87.5
			Constant Amps Discharge - Amps at 77°F (25°C)						
1.85	50.90	28.10	19.80	15.50	13.00	9.01	7.51	6.44	4.08
1.80	52.40	28.60	20.10	15.80	13.20	9.20	7.70	6.60	4.22
1.75	53.30	29.10	20.50	16.20	13.50	9.37	7.82	6.70	4.28

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 2.25 - 2.30 VPC @77 ˚F Cycliing 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.

Pb

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

UL Recognised Component MH 20947

Ver. 06/01/10