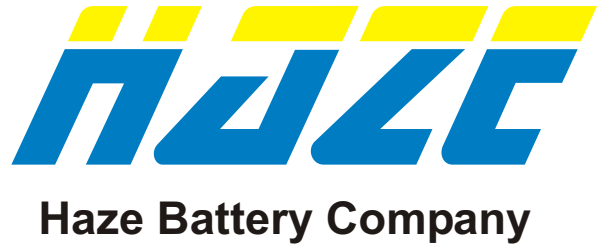


# TELECOM RANGE



**Model No. TEL 125** (12 Volts, 137 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	93.3	107.0	113.0	119.0	124.0	128.0	132.0	137.0	142.0

Website: [www.hazebattery.com/usa](http://www.hazebattery.com/usa)  
E mail : [customerservice@hazebattery.com](mailto:customerservice@hazebattery.com)  
Ph: 952-746-7528 Fax: 952-746-7527



Sealed Lead Acid 12 Volt Bloc AGM Range

### Specifications

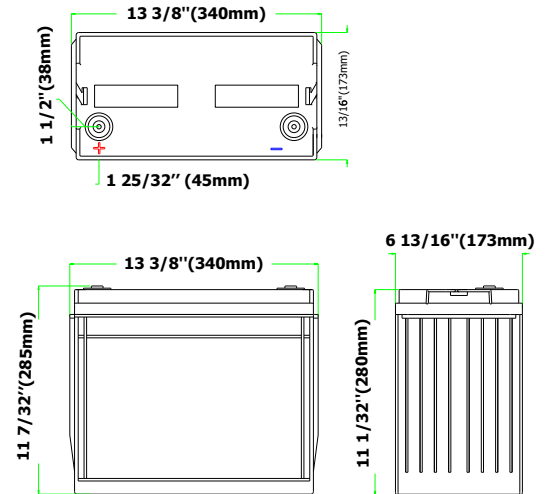
Nominal Voltage		12V	
Nominal Capacity		156 Ah	
Dimensions	Total Height (Inc terminals)	11.02 inches n/a	280 mm n/a
	Length	13.39 inches	340 mm
	Width	6.81 inches	173 mm
	Weight	97.68 lbs	44.3 Kg



Haze Battery Company Ltd

### Characteristics

Capacity 77°F (25°C) to 1.75 vpc	20 hour rate	156 Ah
	10 hour rate	142 Ah
	5 hour rate	124 Ah
	2 hour rate	107 Ah
	1 hour rate	93.3 Ah
	Internal Resistance	2.73 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)	3750	
Terminal	Standard	16mm 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	88.7	102.0	108.0	114.0	119.0	131.0	136.0	139.0	148.0
1.80	91.9	104.0	111.0	117.0	121.0	133.0	139.0	142.0	152.0
1.75	93.3	107.0	113.0	119.0	124.0	137.0	142.0	146.0	156.0
1.70	95.7	109.0	116.0	121.0	126.0	139.0	146.0	150.0	161.0

### Constant Amps Discharge - Amps at 77°F (25°C)

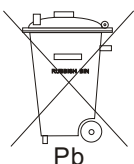
1.80	91.90	52.20	36.90	29.10	24.30	16.70	13.90	11.82	7.58
1.75	93.30	53.30	37.70	29.70	24.70	17.10	14.20	12.16	7.78

### Specifications

Design Life	12 Years
Operating Temperature	-20 °C to 50 °C
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 @25 °C Cycling 2.35 @25 °C 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 5-7 Nm

### 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

