

TELECOM RANGE



TEL40T/TEL15T
Replacement for
Hawker SBS40/SBS15

TEL105F
Replacement for
C&D TEL12-105F

TEL145F
Replacement for
DEKA 12AVR-145L

TEL200F
Replacement for
Northstar NSB210FT
C&D TEL12-210F
Energys SBS 190F

Valve Regulated Lead Acid Battery for communications standby power applications

Innovative Features

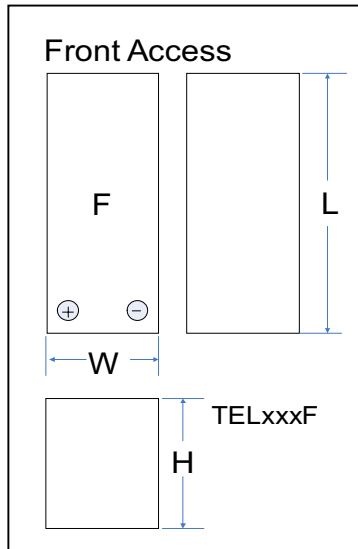
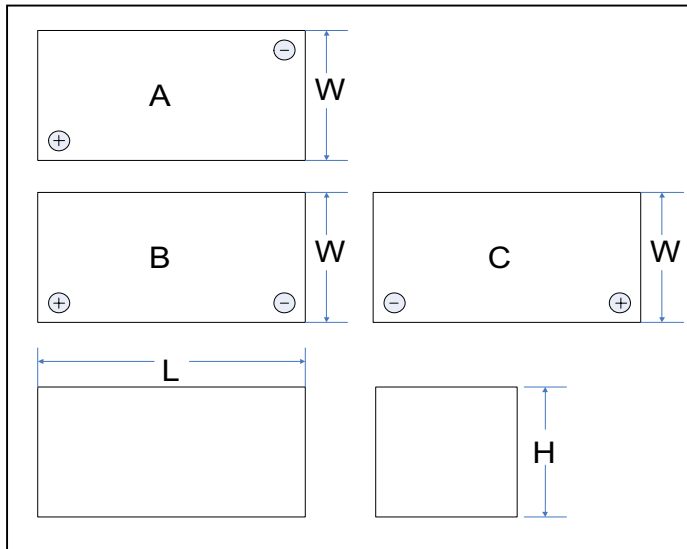
- ◆ Completely maintenance free, sealed construction eliminates the need for watering
- ◆ Fully tank formed plates
- ◆ Analytical Grade electrolyte
- ◆ Spill proof / leak proof
- ◆ Valve regulated Max internal pressure 2.5 psi
- ◆ Multi-position usage
- ◆ ABS Case & Cover Flame Retardant meets UL 94 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, 14001

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 in-lb (5-7Nm)

Sealed Lead Acid 12 Volt Bloc A G M Range

Battery Model	Voltage	Capacity (AH)		Nominal Dimensions						Terminal	Nominal Weight	
		8 Hr to 1.75 VPC	10 Hr to 1.75 VPC	Millimeters			Inches			Layout	kg	lbs
				L	W	H	L	W	H			
TEL25	12	29.1	29.9	166	125	175	6.54	4.92	6.89	C	9.00	19.90
TEL30	12	33.9	34.8	195	130	160	7.68	5.12	6.30	B	10.40	23.00
TEL45	12	56.2	57.6	229	138	213	9.02	5.43	8.39	B	17.00	37.60
TEL70	12	86.4	88.5	260	168	211	10.24	6.61	8.31	B	25.40	56.10
TEL80X	12	105.0	107.0	306	168	211	12.05	6.61	8.31	B	29.60	65.40
TEL90	12	114.0	116.0	329	173	209	12.95	6.81	8.23	B	32.50	71.80
TEL125	12	152.0	157.0	340	173	283	13.39	6.81	11.14	C	40.60	89.70
TEL15T	12	17.7	17.7	200	76	123	7.87	2.99	4.84	C	5.10	11.40
TEL40T	12	41.3	41.3	250	94	194	9.84	3.68	7.64	C	13.30	29.40
TEL60T	12	59.0	59.0	220	121	260	8.66	4.76	10.24	C	18.50	40.90
TEL30F	12	29.9	30.5	225	99	225	8.86	3.90	8.86	F	10.00	22.10
TEL40F	12	41.0	41.9	225	99	225	8.86	3.90	8.86	F	13.10	29.00
TEL60F	12	57.8	59.1	277	105	223	10.91	4.13	8.78	F	18.40	40.70
TEL100F	12	109.0	111.0	395	110	285	15.55	4.33	11.22	F	32.60	72.00
TEL105F	12	108.0	109.0	507	109	227	19.96	4.29	8.94	F	30.00	66.30
TEL145F	12	145.0	152.0	417	172	240	16.42	6.77	9.45	F	45.30	100.10
TEL150F	12	163.0	167.0	550	109	288	21.65	4.29	11.34	F	48.30	106.70
TEL200F	12	199.0	204.0	560	125	320	22.05	4.92	12.60	F	58.50	129.30



Terminal Details

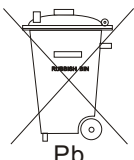
Insert are made from brass with copper, nickel and silver plating giving excellent mechanical, electrical and corrosion resistant properties.



HAZE BATTERY USA

Website: www.hazebattery.com/usa
 Email: customerservice@hazebattery.com
 Ph: 952-746-7528 Fax: 952-746-7527
 Toll Free: 866-300-8061

Representative/Distributor



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



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