

the TELECOM SERIES

INTRODUCTION

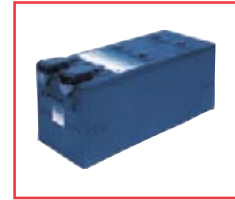
The POWER "TELECOM" TL and CSL Batteries are the ideal choice for Telecommunication applications which require a reliable, compact and affordable solution. Since these batteries are low-gassing they require no special ventilation. Additionally, a compact design makes them perfect for low maintenance and space restricted applications.



TL-12120



FT-12160



CSL-12200

FEATURES

- Ten year design life
- Compliance with BS6290, IEC896 and UL924
- Valve regulated lead acid battery (VRLA)
- CSL & FT Models are fitted with Front Terminals
- New FT range of Front Terminals types
- Absorbed glass mat technology (AGM) with gas recombination greater than 99%
- Operates at a low internal pressure
- Never needs watering, minimal maintenance
- 99.7% pure lead calcium grids
- Shock absorbent thick wall polypropylene cases for all types except FT which are ABS
- Cases are flame retardant, meet UL 94 V0 requirements and have an oxygen index greater than 28%
- Cold forged non-porous copper inserted terminal bushings eliminate post leakage. Except TL-1230 which has an 'L' terminal
- Thermally welded cover to case bond, eliminates both acid and electrical leaks
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss
- Measured high vacuum acid fill, reduces electrical variability between cells
- 100% recyclable materials

OPTIONS

- Terminal covers and custom inter-connecting battery cables (Terminal covers are standard on the CSL & FT models)

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10 YEAR DESIGN LIFE SPECIFICATIONS

- No transport restrictions:
 - Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
 - Water transport. Classified as non-hazardous materials as per IMDG amendment 27.
 - Air transport. Complies with IATA / ICAO, special provision A67.

MODELLO	VOLTS	CAPACITY TO 1.75 VOLTS PER CELL @ 25°C				DIMENSIONS (MM)			WEIGHT (KG)	TERMINAL AVAILABLE *
		3 HOURS	8 HOURS	10 HOURS	24 HOURS	L	W	H		
TL-1230	12	26	29	30	33	196	132	183	12.0	L
TL-1245	12	40	45	46	51	219	137	208	16.0	C
TL-1250	12	42	47	48	56	220	140	229	16.8	C
TL-1270	12	60	68	70	76	259	169	229	27.5	C
TL-1280	12	72	82	80	93	305	169	231	32.7	C
TL-1295	12	85	96	98	108	343	173	215	36.6	C
TL-12120	12	103	118	120	132	343	173	273	45.2	C
TL-6195	6	167	193	199	226	272	187	278	37.0	C
TL-2480	2	443	480	498	564	272	187	278	39.5	C
CSL-1280	12	72	82	84	93	534	109	245	33.6	C
CSL-12100	12	87	100	102	113	534	109	245	38.1	C
CSL-12170	12	146	170	174	182	536	226	256	69.1	C
CSL-12200	12	180	200	205	220	536	215	256	73.7	C
		CAPACITY TO 1.75 VOLTS PER CELL @ 25°C								
		1 HOURS	4 HOURS	6 HOURS	8 HOURS					
FT-1260	12	41	51	55	58	388	123	233	22.6	C
FT-1290	12	58	76	83	90	388	123	300	31.0	C
FT-12105	12	65	91	99	105	558	123	227	41.0	C
FT-12160	12	105	140	151	155	558	123	300	61.2	C