



AGM Front Terminal LPF series



- TEMPERATURE RANGE**
-15°C ~ +50°C
- SHELF LIFE**
Up to 6 months at 25°C
- WARRANTY**
3 Years
- DESIGN LIFE**
12 years (25°C)

LEOCH Premium Front Terminal batteries, LPF series, are AGM Valve-Regulated Lead-Acid front terminal batteries that have been optimized for telecom applications. Engineered for long life floating applications such as Base Transceiver Stations, LPF batteries offer a 12-year life design and a front terminal design for easy installation and maintenance.

GENERAL FEATURES

- IDEAL DIMENSIONS**
19-INCH OR 23-INCH
Ideal for 19-inch or 23-inch telecom cabinets
- SAFETY**
Unique anti-explosion one-way vent valve design to minimize water loss and increase safety
- HASSLE FREE**
Front terminal design makes the installation & maintenance "hassle free"
- LONG SERVICE LIFE**
Thick plates using a special pasting formula ensures long service life
- SHIELDED DESIGN**
Shielded design terminal caps reduces risk of short circuits and improves safety
- ABS CASE**
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

BATTERY SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
			Length		Width		Height		Total Height		kg	lbs	
			mm	in.	mm	in.	mm	in.	mm	in.			
LPF12-40	12	40	277.00	10.91	106.00	4.17	222.00	8.74	222.00	8.74	14.60	32.19	M6
LPF12-50	12	50	390.00	15.35	105.00	4.13	200.00	7.87	200.00	7.87	18.50	40.79	M6
LPF12-55	12	55	277.00	10.91	106.00	4.17	222.00	8.74	222.00	8.74	17.30	38.14	M6
LPF12-70	12	70	564.00	22.20	114.00	4.49	187.00	7.36	187.00	7.36	25.50	56.22	M6
LPF12-75	12	75	564.00	22.20	114.00	4.49	187.00	7.36	187.00	7.36	26.00	57.32	M6
LPF12-90	12	90	394.00	15.51	110.00	4.33	285.00	11.22	285.00	11.22	31.00	68.34	M6
LPF12-100	12	100	394.00	15.51	110.00	4.33	286.00	11.26	286.00	11.26	31.00	68.34	M6
LPF12-100A	12	100	508.00	20.00	110.00	4.33	238.50	9.39	238.50	9.39	32.00	70.55	M6
LPF12-125	12	125	551.00	21.69	110.00	4.33	288.00	11.34	288.00	11.34	41.50	91.49	M6
LPF12-150	12	150	551.00	21.69	110.00	4.33	288.00	11.34	288.00	11.34	44.80	98.77	M6
LPF12-150V	12	150	550.00	21.65	125.00	4.92	281.50	11.08	281.50	11.08	50.60	111.55	M6
LPF12-170	12	170	550.00	21.65	125.00	4.92	281.50	11.08	281.50	11.08	51.00	112.43	M6
LPF12-180	12	180	550.00	21.65	125.00	4.92	280.00	11.02	280.00	11.02	51.20	112.88	M6
LPF12-190	12	190	560.00	22.05	126.00	4.96	320.00	12.60	320.00	12.60	57.00	125.66	M6
LPF12-200	12	200	560.00	22.05	126.00	4.96	320.00	12.60	320.00	12.60	61.00	134.48	M8

PERFORMANCE CHARACTERISTICS

Discharge Characteristics

Floating Charging Characteristics

Temperature Effect in Relation to Battery Capacity

Temperature Effect on Long Term Float Life