



GEL LPFG series



-20°C - +55°C

TEMPERATURE RANGE

Up to 9 months at 25°C

SHELF LIFE

2-3 years*

WARRANTY

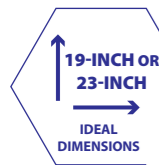
13-16 years (25°C)*

DESIGN LIFE

* Depending on the actual model

Leoch Premium Gel front terminal batteries, LPFG series, are GEL Valve-Regulated Lead-Acid front terminal batteries that have been optimized for high endurance telecom applications. Engineered for long life floating applications such as Base Transceiver Stations that operate in harsh conditions, LPFG batteries offer an up to 16-year life design and a front terminal design for easy installation and maintenance.

GENERAL FEATURES



19-INCH OR 23-INCH IDEAL DIMENSIONS

Ideal for 19-inch or 23-inch telecom cabinets



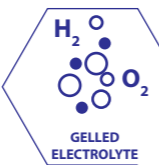
SAFETY

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"



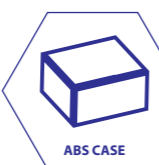
GELLED ELECTROLYTE

Special lead-calcium alloy and gelled electrolyte for long life and reduction of thermal runaway phenomenon for high endurance telecom applications



SHIELDED DESIGN

Shielded design terminal caps reduce risk of short circuits and improves safety



ABS CASE

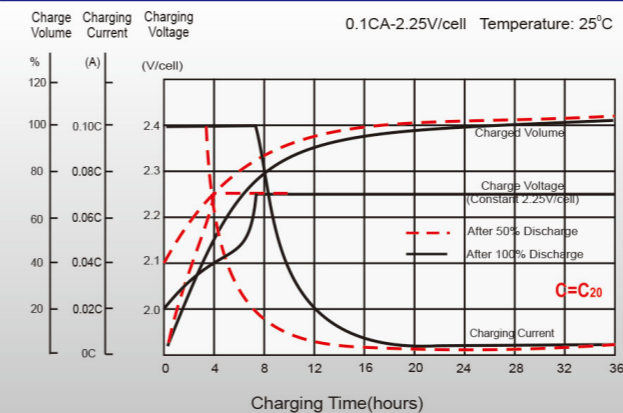
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

BATTERY SPECIFICATIONS

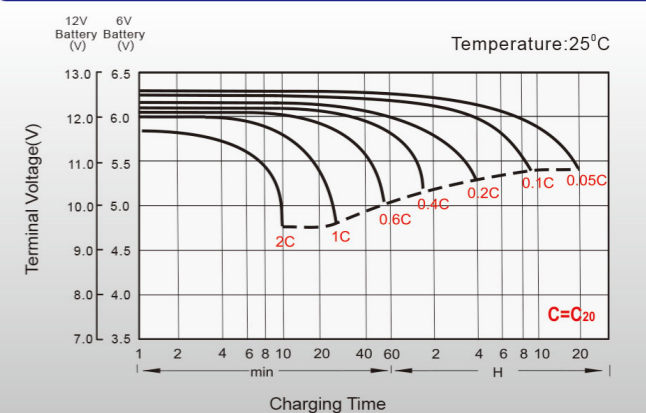
Model	Nominal Voltage (V)	Rated Capacity 20Hr @ 1.80V/cell (AH)	Rated Capacity 10Hr @ 1.75V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
				Length		Width		Height		Total Height		kg	lbs	
				mm	in.	mm	in.	mm	in.	mm	in.			
LPFG12-70	12	70	70	564.00	222.05	114.00	44.88	187.00	73.62	187.00	73.62	26.70	58.86	M6
LPFG12-100H	12	95	95	394.00	155.12	110.00	43.31	285.00	112.20	285.00	112.20	35.00	77.16	M6
LPFG12-150	12	138	138	551.00	216.93	110.00	43.31	288.00	113.39	288.00	113.39	47.40	104.50	M6
LPFG12-180	12	160	160	550.00	216.54	125.00	49.21	280.00	110.24	280.00	110.24	51.70	113.98	M6

PERFORMANCE CHARACTERISTICS

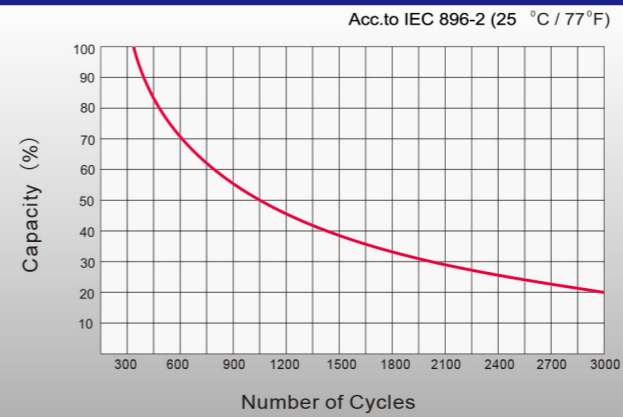
Float Charging Characteristics



Discharge Characteristics



Cycle Life in Relation to Dept of Discharge



Temperature Effect in Relationship to Battery Capacity

