



# Pure Lead Floating PLH series



- TEMPERATURE RANGE**  
-40°C ~ +65°C
- SHELF LIFE**  
Up to 24 months at 25°C
- WARRANTY**  
5 Years
- DESIGN LIFE**  
20 years (25°C)

Leoch Pure Lead Floating front Terminal batteries, PLH series, are AGM Valve-Regulated Lead-Acid front terminal batteries that have been optimized for extreme long-life telecom applications. Engineered for high endurance telecom applications such as harsh conditions Base Transceiver Stations, PLH batteries offer long life design under extreme temperature ranges and fast charge performance.

## GENERAL FEATURES

**IDEAL DIMENSIONS**  
19-INCH OR 23-INCH

Front terminal design makes PLH batteries ideal for 19-inch or 23-inch telecom cabinets

**HIGH TEMPERATURE**

Pure Lead design makes PLH series ideal for high temperature applications

**DESIGN LIFE**

True Pure Lead design and manufacturing offering Very Long Design Life in accordance to Eurobat (up to 20 years @ 20°C)

**LONG SERVICE LIFE**

Thin plates using a special pasting formula ensures long service life

**SHIELDED DESIGN**

Shielded design terminal caps and patented anti-explosion one-way vent valve design to minimize water loss and increased safety

**ABS CASE**

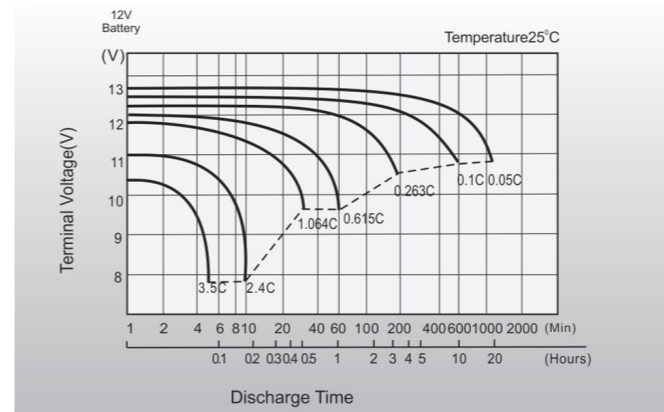
Premium ABS+PC jar & covers flame retardant to UL94-V0

## BATTERY SPECIFICATIONS

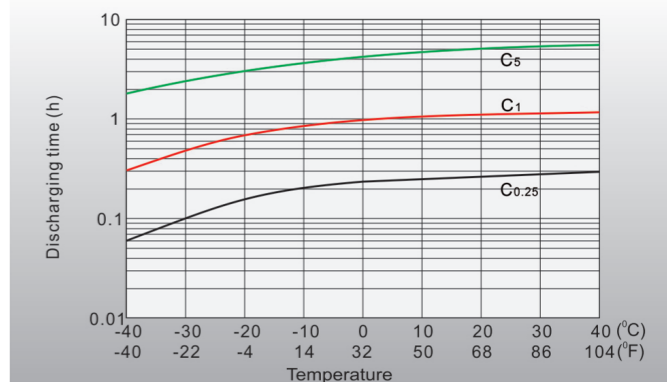
Model	Nominal Voltage (V)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight	
			Length		Width		Height		Total Height		kg	lbs
			mm	in.	mm	in.	mm	in.	mm	in.		
PLH40FT(A)	12	38	298.70	11.76	97.00	3.82	184.00	7.24	184.00	7.24	12.50	27.60
PLH62FT(A)	12	62	298.70	11.76	97.00	3.82	267.00	10.51	267.00	10.51	19.50	43.00
PLH90FT(A)	12	90	405.40	15.96	108.00	4.25	287.00	11.30	287.00	11.30	28.70	63.30
PLH100FT(A)	12	100	405.40	15.96	108.00	4.25	287.00	11.30	287.00	11.30	30.80	67.90
PLH110FT(A)	12	110	559.00	22.01	125.00	4.92	227.00	8.94	227.00	8.94	36.50	80.50
PLH150FT(A)	12	150	559.00	22.01	125.00	4.92	277.00	10.91	277.00	10.91	48.00	105.80
PLH170FT(A)	12	170	559.00	22.01	125.00	4.92	320.00	12.60	320.00	12.60	54.20	119.50
PLH190FT(A)	12	190	559.00	22.01	125.00	4.92	320.00	12.60	320.00	12.60	57.60	127.00
PLH210FT(A)	12	210	559.00	22.01	125.00	4.92	328.00	12.91	328.00	12.91	60.50	133.40

## PERFORMANCE CHARACTERISTICS

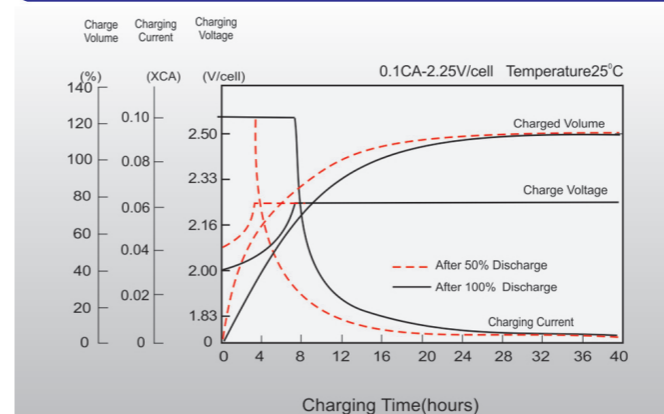
### Discharge Characteristics



### Temperature Effect on Discharging Time



### Floating Charging Characteristics



### Float Life

