



Pure Lead Carbon High Endurance PLH+C series



**-40°C~
+65°C**
TEMPERATURE RANGE

**Up to
24 months
at 25°C**
SHELF LIFE

**Up to
5
Years**
WARRANTY

**>1000
cycles**
NUMBER OF CYCLES
AT 60% DOD

Leoch Pure Lead Carbon Front Terminal batteries, PLH+C series, are AGM Valve-Regulated Lead-Acid front terminal batteries that have been optimized for hybrid telecom applications. Engineered for long life shallow cycling applications such as Hybrid and Renewable Energy powered Base Transceiver Stations. PLH+C batteries offer long life design and high cyclic performance.

GENERAL FEATURES

**19-INCH OR
23-INCH**
IDEAL DIMENSIONS
Front terminal design makes PLH+C batteries ideal for 19-inch or 23-inch telecom cabinets

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

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

SAFETY
Unique anti-explosion one-way vent valve design to minimize water loss and increase safety

PSoC ENDURANCE
Carbon additives for increased PSoC resilience and increased cycle life compared to floating Pure Lead Series (>1000cycles at 60% DoD)

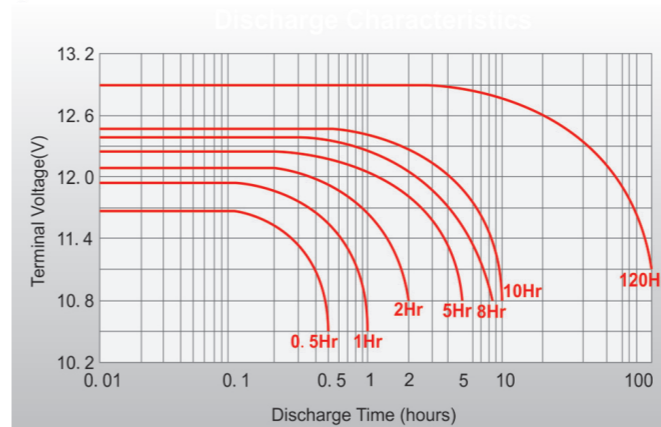
ABS CASE
Premium ABS+PC jar & covers flame retardant to UL94-V0

BATTERY SPECIFICATIONS

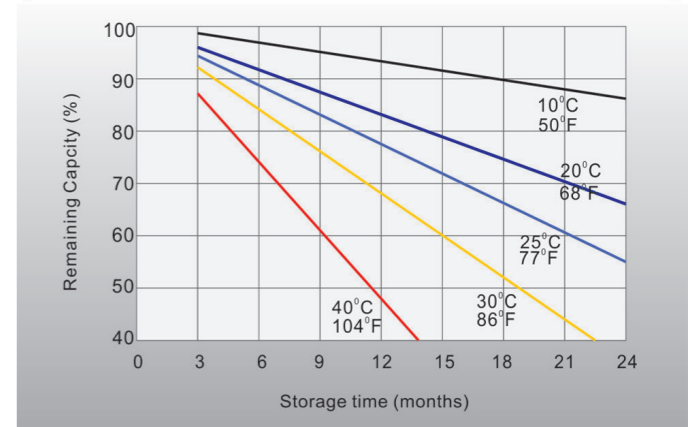
Model	Nominal Voltage (V)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
			Length		Width		Height		Total Height		kg	lbs	
			mm	in.	mm	in.	mm	in.	mm	in.			
PLH40FT(A)	12	38	298.70	11.76	97.00	3.82	184.00	7.24	184.00	7.24	12.50	27.56	M6
PLH62FT(A)	12	62	298.70	11.76	97.00	3.82	267.00	10.51	267.00	10.51	19.50	42.99	M6
PLH90FT(A)	12	90	405.40	15.96	108.00	4.25	287.00	11.30	287.00	11.30	28.70	63.27	M6
PLH100FT(A)	12	100	405.40	15.96	108.00	4.25	287.00	11.30	287.00	11.30	30.80	67.90	M6
PLH110FT(A)	12	110	559.00	22.01	125.00	4.92	227.00	8.94	227.00	8.94	36.50	80.47	M6
PLH150FT(A)	12	150	559.00	22.01	125.00	4.92	277.00	10.91	277.00	10.91	48.00	105.82	M6

PERFORMANCE CHARACTERISTICS

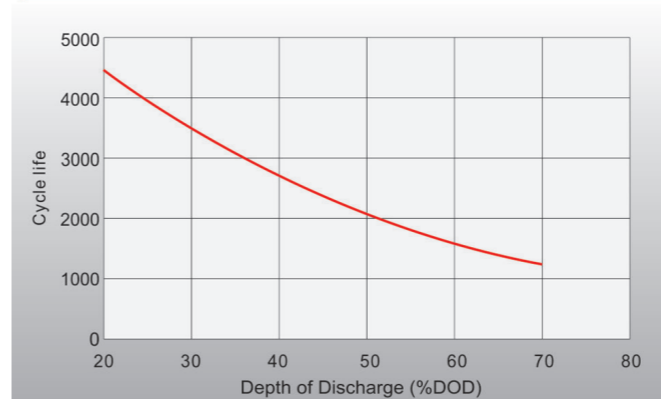
Discharge Characteristics



Self-discharge Characteristics



Cycle Life vs. Depth of Discharge



Temperature Effect in Relation to Battery Capacity

