



# Pure Lead High Rate PLX series



**-40°C-  
+65°C**

TEMPERATURE  
RANGE

**Up to  
24months  
at 25°C**

SHELF LIFE

**4-5  
Years\***

WARRANTY

**15  
Years  
(25°C)**

DESIGN LIFE

\*depending on the  
actual model and  
configuration set-up

LEOCH Pure Lead Xtreme Rate batteries, PLX series, are AGM Valve-Regulated Lead-Acid batteries that have been optimized for extreme high rate applications. Engineered using Pure Lead, PLX batteries offer very long life design under extreme high rate demands and temperature ranges, alongside fast recharge capabilities.

## GENERAL FEATURES



Very long design life classified according to Eurobat



Long shelf life of up to 2 years



Wide operating temperature range (-40°C - 65°C)



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



Variety of Front Terminal and Top Terminal products ensures improved compatibility for replacement projects



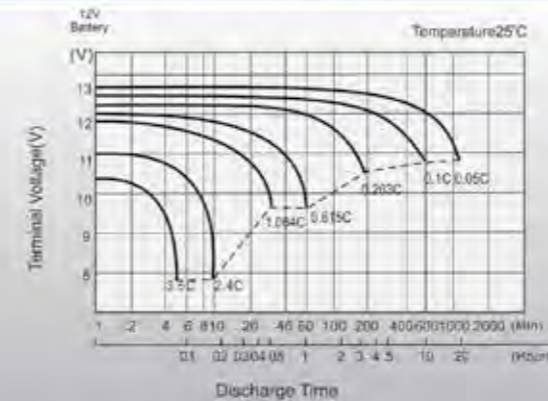
Premium ABS+PC jar and covers, flame retardant to UL94-V0

## BATTERY SPECIFICATIONS

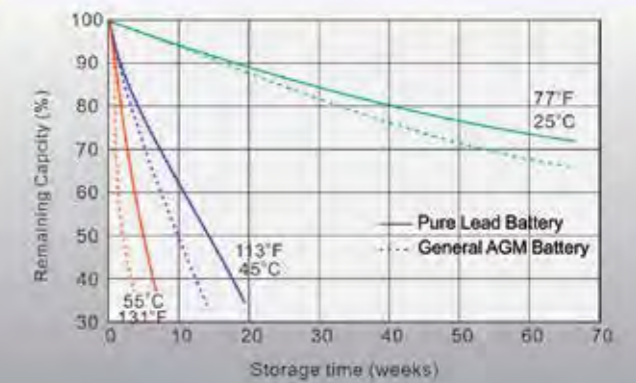
Model	Nominal Voltage (V)	Rated Power Discharge 15min @ 1.67V/cell (W)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
				Length		Width		Height		Total Height		kg	lbs	
				mm	in.	mm	in.	mm	in.	mm	in.			
PLX12-260FT(A)	12	260	62	298.70	11.76	97.00	3.82	267.00	10.51	267.00	10.51	19.90	43.87	M6
PLX12-400FT(A)	12	400	100	405.40	15.96	108.00	4.25	287.00	11.30	287.00	11.30	31.50	69.44	M6
PLX12-450FT(A)	12	450	110	559.00	22.01	125.00	4.92	227.00	8.94	227.00	8.94	37.70	83.11	M6
PLX12-620FT(A)	12	620	150	559.00	22.01	125.00	4.92	277.00	10.91	277.00	10.91	48.50	106.92	M6
PLX12-700FT(A)	12	700	190	559.00	22.01	125.00	4.92	320.00	12.60	320.00	12.60	58.00	127.87	M6
PLX12-730FT	12	730	200	561.90	22.12	125.00	4.92	320.00	12.60	320.00	12.60	61.00	134.48	M8
PLX12-330	12	330	80	260.00	10.24	168.00	6.61	208.00	8.19	211.00	8.31	25.00	55.12	M6
PLX12-360	12	360	90	306.00	12.05	168.00	6.61	207.00	8.15	210.00	8.27	29.50	65.04	M6
PLX12-420	12	420	100	340.90	13.42	170.00	6.69	213.20	8.39	215.70	8.49	33.00	72.75	M6
PLX12-500	12	500	125	340.90	13.42	170.00	6.69	273.20	10.76	275.70	10.85	41.50	91.49	M6
PLX12-540	12	540	135	340.90	13.42	170.00	6.69	273.20	10.76	275.70	10.85	43.00	94.80	M6
PLX12-620	12	620	150	340.90	13.42	170.00	6.69	273.20	10.76	275.70	10.85	44.50	98.10	M6

## PERFORMANCE CHARACTERISTICS

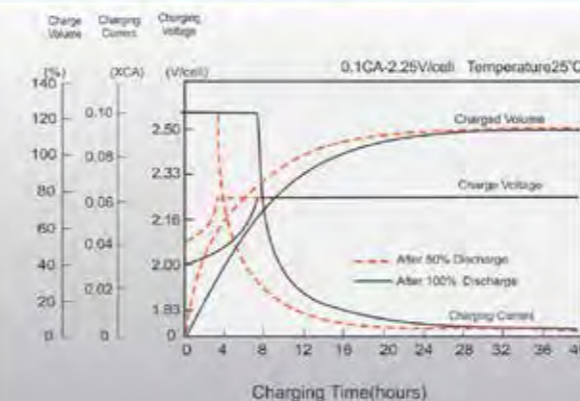
### Discharge Characteristics



### Self-Discharge Characteristics



### Floating Charging Characteristics



### Temperature Effect on Discharging Time

