



AGM

LHR series



-20°C-
+50°C

TEMPERATURE
RANGE

≤3%/
month
@ 25°C

SHELF LIFE

1-4
Years*

WARRANTY

Up to
16
Years*

DESIGN LIFE

* Depending on the
actual model and the
configuration set-up

Leoch LHR series, are AGM Valve-Regulated Lead-Acid front terminal batteries that have been optimized for UPS applications. Engineered to offer high-power discharge rates at 15mins and high consistency for multiple string applications, LHR batteries offer an up to 16-year life design and a wide 12V and 2V capacity range to cover any requirement.

GENERAL FEATURES

EUROBAT
CLASSIFICATION

Classified in the range of general purpose up to Very Long Life, depending on the actual model

SAFETY

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

CHARGE
ENDURANCE

Optimized high-power output at short discharge times

LONG SERVICE
LIFE

Special pasting formula ensures long service life

CONSISTENCY

Increased consistency by utilizing low tolerance manufacturing techniques

ABS CASE

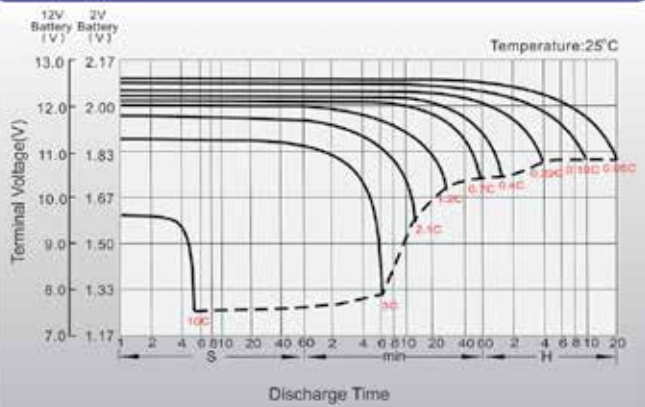
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

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				
				mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs	
LHR500W	2	500	180	90.00	3.54	181.00	7.13	350.00	13.78	365.00	14.37	11.80	26.01	T18(M8)
LHR600W	2	600	200	90.00	3.54	181.00	7.13	350.00	13.78	365.00	14.37	12.80	28.22	T18(M8)
LHR750W	2	750	270	124.00	4.88	181.00	7.13	350.00	13.78	365.00	14.37	17.40	38.36	T18(M8)
LHR900W	2	900	300	124.00	4.88	181.00	7.13	350.00	13.78	365.00	14.37	18.20	40.12	T18(M8)
LHR950W	2	1000	300	124.00	4.88	181.00	7.13	350.00	13.78	365.00	14.37	19.20	42.33	T18(M8)
LHR1200W	2	1200	400	158.00	6.22	181.00	7.13	350.00	13.78	365.00	14.37	24.10	53.13	T18(M8)
LHR1250W	2	1250	470	191.00	7.52	181.00	7.13	350.00	13.78	365.00	14.37	27.50	60.63	T18(M8)
LHR1520W	2	1520	500	191.00	7.52	181.00	7.13	350.00	13.78	365.00	14.37	30.30	66.80	T18(M8)
LHR1800W	2	1800	600	225.00	8.86	181.00	7.13	350.00	13.78	365.00	14.37	36.20	79.81	T18(M8)
LHR1950W	2	1950	600	225.00	8.86	181.00	7.13	350.00	13.78	365.00	14.37	37.30	82.23	T18(M8)
LHR2400W	2	2400	800	303.00	11.93	181.00	7.13	350.00	13.78	365.00	14.37	48.50	106.92	T18(M8)
LHR2450W	2	2450	800	303.00	11.93	181.00	7.13	350.00	13.78	365.00	14.37	49.20	108.47	T18(M8)
LHR2850W	2	2850	1000	370.00	14.57	181.00	7.13	350.00	13.78	365.00	14.37	58.70	129.41	T18(M8)
LHR1224W(A)	12	24	6.56	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.13	4.70	T1/T2
LHR1226W(A)	12	26	6.56	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.17	4.78	T1/T2
LHR1228W(A)	12	28	7.02	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.24	4.94	T1/T2
LHR1232W(A)	12	32	7.49	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.31	5.09	T1/T2
LHR1234W(A)	12	34	7.49	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.35	5.18	T1/T2
LHR1236W(A)	12	36	8.43	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.46	5.42	T1/T2
LHR1224W	12	24	5.3	90.00	3.54	70.00	2.76	101.00	3.98	107.00	4.21	1.88	4.14	T1/T2
LHR1226W	12	26	6.51	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.08	4.59	T1/T2
LHR1230W	12	30	7	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.38	5.25	T1/T2
LHR1235W	12	35	7.8	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.50	5.51	T1/T2
LHR1236W	12	36	7.49	151.00	5.94	65.00	2.56	93.50	3.68	99.50	3.92	2.70	5.95	T2
LHR1242W	12	42	8.43	151.00	5.94	65.00	2.56	94.50	3.72	100.50	3.96	2.83	6.24	T1/T2
LHR1255W	12	55	13	151.00	5.94	98.00	3.86	95.00	3.74	101.00	3.98	3.78	8.33	T1/T2
LHR1285W	12	85	18.6	181.50	7.15	76.50	3.01	167.50	6.59	167.50	6.59	6.00	13.23	T12
LHR12120W	12	120	38	197.00	7.76	165.00	6.50	170.00	6.69	170.00	6.69	11.60	25.57	T6(M6)
LHR12160W	12	160	45	197.00	7.76	165.00	6.50	170.00	6.69	170.00	6.69	14.20	31.31	T6(M6)
LHR12185W	12	185	55	229.00	9.02	138.00	5.43	205.00	8.07	211.00	8.31	16.20	35.71	T6(M6)
LHR12215W	12	215	65	348.00	13.70	167.00	6.57	178.00	7.01	178.00	7.01	19.20	42.33	T6(M6)
LHR12255W	12	255	70	348.00	13.70	167.00	6.57	178.00	7.01	178.00	7.01	21.40	47.18	T6(M6)
LHR12300W	12	300	75	256.00	10.08	173.00	6.81	213.00	8.39	216.00	8.50	23.70	52.25	T11(M8)
LHR12330W(A)	12	330	80	293.00	11.54	173.00	6.81	213.00	8.39	216.00	8.50	26.70	58.86	T11(M8)
LHR12350W	12	350	85	293.00	11.54	173.00	6.81	213.00	8.39	216.00	8.50	27.40	60.41	T11(M8)
LHR12360W	12	360	100	330.00	12.99	173.00	6.81	213.00	8.39	216.00	8.50	30.00	66.14	T11(M8)
LHR12400W	12	400	100	330.00	12.99	173.00	6.81	213.00	8.39	216.00	8.50	31.20	68.78	T11(M8)
LHR12430W	12	430	100	330.00	12.99	173.00	6.81	213.00	8.39	216.00	8.50	32.00	70.55	T11(M8)
LHR12370W	12	370	100	330.00	12.99	173.00	6.81	212.00	8.35	220.00	8.66	30.70	67.68	T11(M8)
LHR12705W	12	705	190	532.00	20.94	207.00	8.15	214.00	8.43	220.00	8.66	59.00	130.07	T11(M8)
LHR12800W	12	800	215	522.00	20.55	240.00	9.45	218.00	8.58	224.00	8.82	68.00	149.91	T11(M8)
LHR12460W	12	460	120	408.00	16.06	177.00	6.97	225.00	8.86	225.00	8.86	37.50	82.67	T11(M8)
LHR12560W	12	560	145	483.00	19.02	170.00	6.69	238.50	9.39	239.00	9.41	46.50	102.51	T11(M8)
LHR12845W	12	845	225	496.00	19.53	259.00	10.20	227.00	8.94	233.00	9.17	74.50	164.24	T11(M8)
LHR12890W	12	890	235	496.00	19.53	259.00	10.20	227.00	8.94	233.00	9.17	77.00	169.76	T11(M8)
LHR12390FT	12	390	95	508.00	20.00	110.00	4.33	235.00	9.25	235.00	9.25	34.00	74.96	T6-A(M8)
LHR12550FT	12	550	140	551.00	21.69	110.00	4.33	288.00	11.34	288.00	11.34	47.50	104.72	T6-A(M8)
LHR12600FT	12	600	150	550.00	21.65	125.00	4.92	281.50	11.08	281.50	11.08	51.00	112.44	T11(M8)
LHR12700FT	12	700	180	560.00	22.05	125.00	4.92	318.00	12.52	318.00	12.52	60.00	132.28	T11(M8)
LHR12750FT	12	750	190	560.00	22.05	125.00	4.92	318.00	12.52	318.00	12.52	63.50	139.99	T11(M8)
LHR12800FT	12	800	210	541.00	21.30	154.00	6.06	322.00	12.68	322.00	12.68	75.50	166.45	T13-C(M8)
LHR12900FT	12	900	225	541.00	21.30	154.00	6.06	322.00	12.68	322.00	12.68	80.00	176.37	T13-C(M8)
LHR121000FT	12	1000	240	541.00	21.30	154.00	6.06	322.00	12.68	322.00	12.68	84.50	186.29	T13-C(M8)

PERFORMANCE CHARACTERISTICS

Discharge Characteristics



Floating Charging Characteristics

