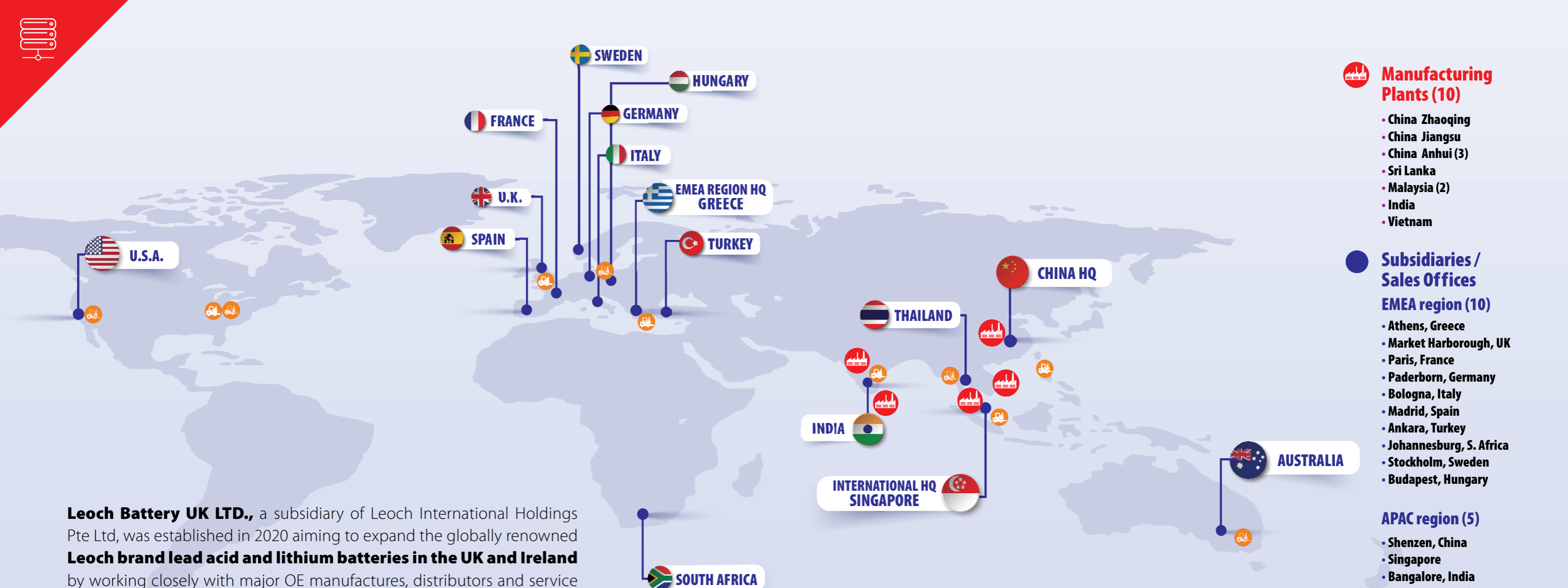




OPTIMISING **BACK-UP** through the right battery selection

Series:

- ▶ **Pure Lead**
High Rate PLX
- ▶ **AGM XP**
- ▶ **AGM LHR**



Leoch Battery UK LTD., a subsidiary of Leoch International Holdings Pte Ltd, was established in 2020 aiming to expand the globally renowned **Leoch brand lead acid and lithium batteries in the UK and Ireland** by working closely with major OE manufactures, distributors and service providers as well as B2B customers who use our batteries.

Leoch retains ten (10) regional manufacturing plants located in **PRC, Malaysia, Sri Lanka, India and Vietnam,** producing mainly reserve power batteries, SLI batteries and motive power batteries with an annual production capacity of over 24GWH / year.

Manufacturing Plants (10)

- China Zhaoqing
- China Jiangsu
- China Anhui (3)
- Sri Lanka
- Malaysia (2)
- India
- Vietnam

Subsidiaries / Sales Offices

EMEA region (10)

- Athens, Greece
- Market Harborough, UK
- Paris, France
- Paderborn, Germany
- Bologna, Italy
- Madrid, Spain
- Ankara, Turkey
- Johannesburg, S. Africa
- Stockholm, Sweden
- Budapest, Hungary

APAC region (5)

- Shenzhen, China
- Singapore
- Bangalore, India
- Sydney, Australia
- Bangkok, Thailand

Los Angeles, USA

Subsidiaries / Sales Offices

Manufacturing Plants

Warehouses

Your Global Battery Partner



...covering your needs for UPS applications

We offer a wide range of sealed Lead Acid batteries specifically designed for reliable back-up power and ideally suited to satisfy the high-rate power requirements of the most demanding UPS applications.

* Please be aware of our terms and conditions before any purchase.



Pure Lead High Rate PLX series



- 40°C - +65°C**
TEMPERATURE RANGE
- Up to 24 months 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.

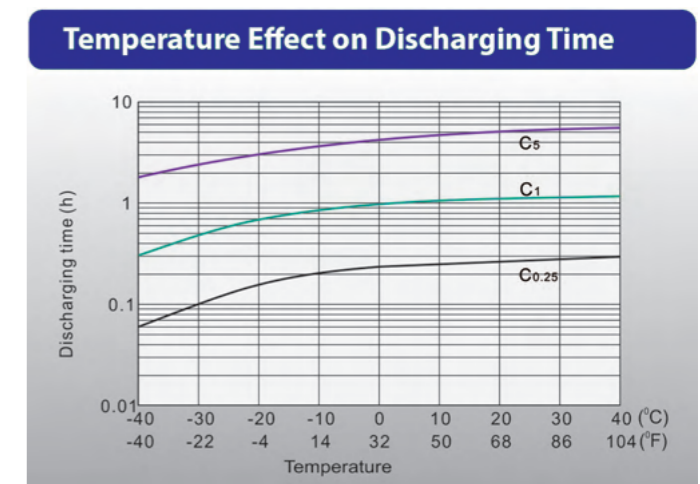
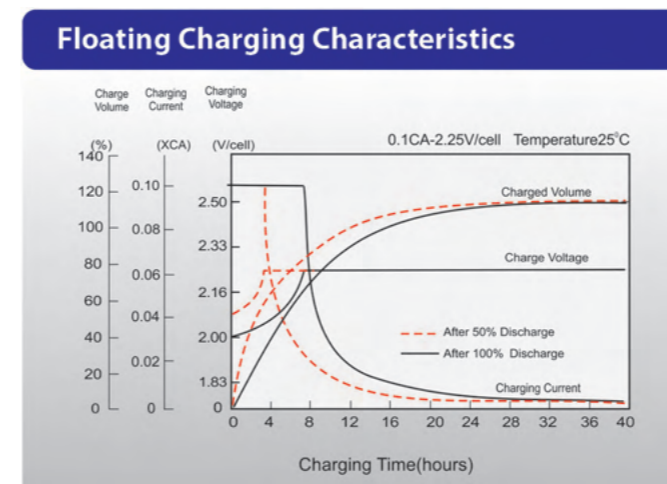
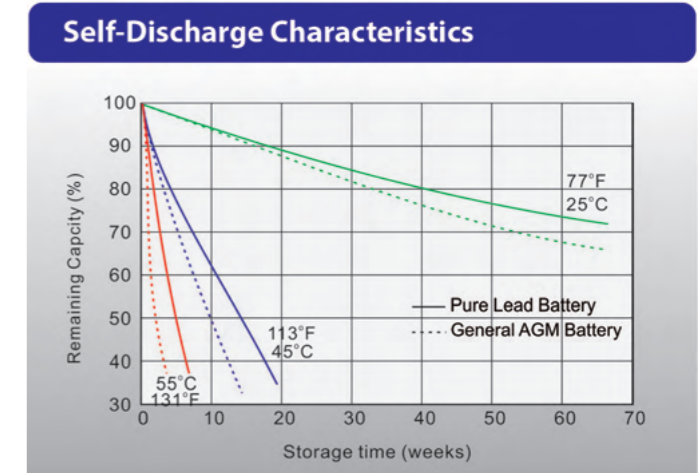
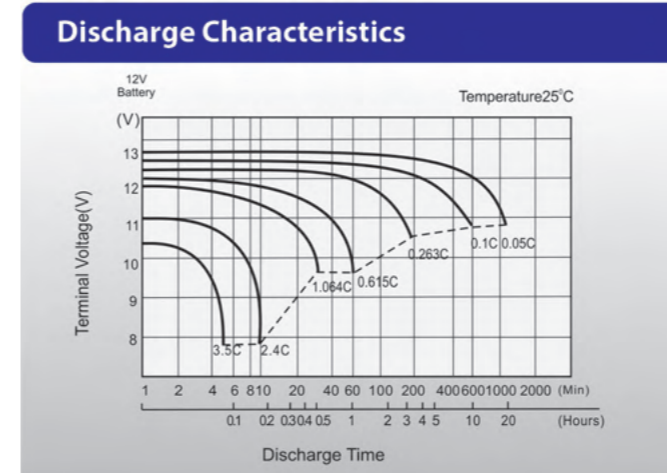
GENERAL FEATURES

- EUROBAT CLASSIFICATION**: Very long design life classified according to Eurobat
- LONG LIFE**: Long shelf life of up to 2 years
- WIDE TEMPERATURE RANGE**: Wide operating temperature range (-40°C - 65°C)
- SAFETY**: Unique one-way vent valve design to minimize water loss and increase safety
- COMPATIBILITY**: Variety of Front Terminal and Top Terminal products ensures improved compatibility for replacement projects
- ABS CASE**: 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	11.70	97.00	3.82	267.00	10.50	267.00	10.50	19.90	43.87	M6
PLX12-400FT(A)	12	400	100	405.40	15.90	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	22.00	125.00	4.92	227.00	8.90	227.00	8.90	37.70	83.11	M6
PLX12-620FT(A)	12	620	150	559.00	22.00	125.00	4.92	277.00	10.90	277.00	10.90	48.50	106.92	M6
PLX12-700FT(A)	12	700	190	559.00	22.00	125.00	4.92	320.00	12.60	320.00	12.60	58.00	127.87	M6
PLX12-730FT	12	730	200	571.00	22.50	125.00	4.92	320.00	12.60	320.00	12.60	61.00	134.48	M6
PLX12-330	12	330	80	260.00	10.20	168.00	6.60	208.00	8.20	211.00	8.30	25.60	56.40	M6
PLX12-360	12	360	90	306.00	12.00	168.00	6.60	207.00	8.10	210.00	8.30	30.00	66.10	M6
PLX12-420	12	420	100	340.90	13.40	170.00	6.70	213.20	8.40	215.70	8.50	33.50	73.90	M6
PLX12-500	12	500	125	340.90	13.40	170.00	6.70	273.20	10.80	275.70	10.90	41.70	91.90	M6
PLX12-540	12	540	135	340.90	13.40	170.00	6.70	273.20	10.80	275.70	10.90	43.50	95.90	M6
PLX12-620	12	620	150	340.90	13.40	170.00	6.70	273.20	10.80	275.70	10.90	44.80	98.80	M6

PERFORMANCE CHARACTERISTICS





Pure Lead High Rate PLX series

PLX Discharge Tables

1.85 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	173	124.5	106.1	86.5	66.2	49.2	38.6	24.6	17.4	13.4	10.5	7.45	6.08	3.22
PLX12-400FT(A)	303.6	228.6	184.3	153.9	113.6	80.3	66.4	38	26.2	22.3	18.3	12	9.81	5.12
PLX12-450FT(A)	309.3	238.4	186.7	160.2	123.2	95.7	78.1	45.9	33	25.8	21.3	14	10.8	6.08
PLX12-620FT(A)	376.6	292.5	249.7	218.6	162.6	124.5	98.3	54.1	39.2	31	24.9	17.9	14.7	7.69
PLX12-700FT(A)	390.6	331.5	290.2	249.5	188.7	139.1	112.5	64.9	46.8	36.8	30.7	21.4	18.4	9.58
PLX12-730FT	431.2	356.4	312	268.2	202.8	149.6	118.4	68.3	49.3	38.7	32.3	22.5	19.4	10.1
PLX12-330	221.8	157.9	133.2	116.6	86.7	64.3	51.6	28.8	20.6	16.6	14.1	9.54	7.84	4.08
PLX12-360	256.1	187.2	149.8	134.1	99.7	73.9	60	33.2	23.7	19	16.2	10.7	8.9	4.69
PLX12-420	288.7	214.5	169.8	153	111.6	84.4	67.1	37.8	27.1	21.7	17.6	11.9	9.8	5.1
PLX12-500	321	249.6	196.5	174.9	140.9	104.5	85.2	47.6	35.3	27.3	23.2	15.9	12.3	6.38
PLX12-540	325.6	269.1	216.4	196.7	153.9	108.5	88.4	48.6	35.9	27.9	24.1	16.2	13.2	6.89
PLX12-620	364	288.6	249.7	218.6	160.4	117.3	94.2	54.1	38.7	31	26.4	17.7	14.7	7.65

1.80 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	202.9	142.6	117.5	94.5	70.2	51	40.3	24.9	17.5	13.5	10.9	7.62	6.2	3.29
PLX12-400FT(A)	329.6	242.8	193.4	159.9	118.4	83.9	69.7	39.7	27.4	23.2	18.9	12.3	10	5.24
PLX12-450FT(A)	348.8	263.4	203	172.8	132.9	101.1	81.8	47.4	33.8	26.4	21.7	14.3	11	6.28
PLX12-620FT(A)	433.6	337.2	278.3	238.8	173.7	130.7	102.2	56.6	40.9	32.3	26.1	18.5	15	7.95
PLX12-700FT(A)	448.7	370.6	323.7	275.7	203.5	148	118.8	67.2	48.6	38	31.7	22.1	19	9.88
PLX12-730FT	495.3	398.4	348	296.4	218.8	159.2	125.1	70.7	51.2	40	33.4	23.3	20	10.4
PLX12-330	246.7	182.1	148.4	127.4	92.6	67.6	53.7	30.2	21.5	17.2	14.7	9.86	8	4.16
PLX12-360	294.9	215.8	167	146.5	106.5	77.7	62.4	34.7	24.8	19.8	16.9	11.1	9	4.78
PLX12-420	332.4	247.3	189.2	167.2	119.3	88.7	69.8	39.6	28.3	22.6	18.4	12.3	10	5.2
PLX12-500	361.3	287.7	218.9	191.1	150.5	109.8	88.6	49.8	36.9	28.4	24.3	16.4	12.5	6.5
PLX12-540	375.8	310.2	241.2	215	164.4	114	92	50.9	37.4	29	25.2	16.8	13.5	7.02
PLX12-620	419.2	330.4	278.3	238.8	171.4	123.3	98	56.6	40.4	32.3	27.6	18.2	15	7.8

1.75 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	226.9	155.6	126.9	100.8	74.7	53.2	41.8	25.2	17.6	13.6	11.1	7.79	6.29	3.33
PLX12-400FT(A)	350.9	255.6	200.4	166.2	122.4	86	71.4	40.9	27.8	23.6	19.2	12.6	10.2	5.3
PLX12-450FT(A)	388.6	287.3	218.7	184.6	140.6	105.8	85.2	48.8	34.6	26.9	22	14.5	11.9	6.41
PLX12-620FT(A)	474	369.1	301.5	254.9	184.8	136.2	106	58.2	41.9	33.2	26.7	18.8	15.2	8.07
PLX12-700FT(A)	488.8	399.5	344.5	294.1	216.2	155.5	124.5	68.7	49.6	39	32.5	22.5	19.3	10.1
PLX12-730FT	539.6	429.6	370.4	316.2	232.4	167.2	131.1	72.3	52.2	41.1	34.2	23.7	20.3	10.6
PLX12-330	273.6	199.3	160.8	136	98.6	69.5	55.2	31	22.1	17.7	15	10	8.11	4.21
PLX12-360	322.3	236.2	180.9	156.3	113.4	79.9	64.2	35.7	25.4	20.3	17.3	11.3	9.12	4.84
PLX12-420	363.4	270.7	205	178.4	126.9	91.2	71.8	40.7	29	23.2	18.8	12.5	10.1	5.26
PLX12-500	395	315	237.2	203.9	160.2	112.9	91.1	51.2	37.8	29.2	24.8	16.6	12.7	6.58
PLX12-540	410.8	339.6	261.3	229.4	175	117.2	94.6	52.4	38.4	29.8	25.8	17	13.7	7.1
PLX12-620	458.2	361.7	301.5	254.9	182.4	126.8	100.8	58.2	41.4	33.2	28.2	18.4	15.2	7.89

Pure Lead High Rate PLX series

PLX Discharge Tables

1.70 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	247.4	167.8	134.7	106	77.5	55.1	42.9	25.4	17.7	13.7	11.2	7.83	6.3	3.36
PLX12-400FT(A)	373.3	263.7	207.5	171.6	126.6	88.2	72.9	41.6	28	24	19.4	12.6	10.3	5.38
PLX12-450FT(A)	425.6	297.6	232.4	194.8	146.4	109.6	87.9	49.7	35.2	27.3	22.4	14.7	12	6.53
PLX12-620FT(A)	510.7	399.1	320.8	268.1	191.9	141	108.6	59	42.7	33.7	27.1	19	15.4	8.14
PLX12-700FT(A)	535.7	428	362.3	306.9	226.5	162.2	128.6	70.5	50.7	39.8	33.1	22.9	19.5	10.2
PLX12-730FT	591.4	460.2	389.6	330	243.6	174.4	135.4	74.2	53.4	41.9	34.8	24.1	20.5	10.7
PLX12-330	300.5	215.5	171.1	143	102.4	72	57.4	31.5	22.5	18	15.3	10.1	8.21	4.25
PLX12-360	347.3	255.5	192.5	164.4	117.7	82.8	66.7	36.2	25.9	20.7	17.5	11.4	9.35	4.88
PLX12-420	391.5	292.7	218.1	187.7	131.8	94.5	74.6	41.3	29.6	23.6	19.1	12.6	10.3	5.31
PLX12-500	425.6	340.6	252.4	214.5	166.3	117	94.6	51.9	38.6	29.7	25.2	16.8	12.8	6.63
PLX12-540	442.6	367.2	278	241.3	181.7	121.5	98.2	53.1	39.1	30.3	26.1	17.2	13.9	7.16
PLX12-620	493.6	391.2	320.8	268.1	189.4	131.4	104.7	59	42.2	33.7	28.6	18.7	15.4	7.96

1.67 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	265.8	176.5	141.9	110.1	80.6	56.9	44	25.6	17.8	13.7	11.3	7.94	6.44	3.39
PLX12-400FT(A)	390	274.8	213	177.3	132	91	75.1	42.6	29.3	24.3	19.6	12.7	10.3	5.42
PLX12-450FT(A)	483.3	310.7	245.6	200.9	148.6	111.6	89.2	50.3	35.5	27.6	22.7	14.8	12.1	6.53
PLX12-620FT(A)	570	420.4	338.3	278.5	199.7	145.5	111.4	60.1	43.2	34.2	27.4	19.2	15.5	8.2
PLX12-700FT(A)	641.3	453.1	374.1	319.2	234.6	167.4	133	71.8	51.3	40.1	33.5	23.3	19.6	10.3
PLX12-730FT	707.5	487.2	402.2	343.2	252.2	180	137	75.6	54	42.2	35.3	24.5	20.6	10.8
PLX12-330	317.8	227	180.4	148.5	106.5	74.8	58.6	32	22.8	18.2	15.4	10.2	8.27	4.28
PLX12-360	387.6	269.1	203	170.8	122.5	86	68.1	36.8	26.2	21	17.7	11.5	9.51	4.92
PLX12-420	437	308.3	230.1	194.9	137.1	98.2	76.2	42.1	29.9	23.9	19.3	12.8	10.3	5.35
PLX12-500	475	358.8	266.1	222.8	173.1	121.6	96.7	52.9	39	30.1	25.4	17	12.9	6.68
PLX12-540	494	386.8	285	250.6	189	126.3	100.4	54.1	39.6	30.7	26.4	17.4	14	7.22
PLX12-620	551	412	338.3	278.5	197	136.5	107	60.1	42.7	34.2	28.9	18.9	15.5	8.02

1.60 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	282.4	186.8	149	115	82.6	58.1	44.8	25.7	17.9	13.8	11.4	8.04	6.48	3.5
PLX12-400FT(A)	410	279.4	225	185.1	135	93.9	76.5	44	29.9	24.5	19.8	12.7	10.4	5.51
PLX12-450FT(A)	532.4	331.4	261.1	209.2	151.8	114.7	91.2	51.2	36.1	28	22.8	15	12.2	6.63
PLX12-620FT(A)	614.3	445.5	355.8	290.7	202.1	148.4	113.2	61	43.7	34.6	27.7	19.4	15.6	8.25
PLX12-700FT(A)	656	477.7	390.1	327.6	241.6	172.1	136	73	51.6	40.5	33.8	23.4	19.8	10.4
PLX12-730FT	724.3	513.6	419.5	352.2	259.8	185.1	140.2	76.8	54.3	42.6	35.6	24.6	20.8	10.9
PLX12-330	343.7	230.9	186.5	152.7	108.6	76	59.6	32.5	23.1	18.4	15.6	10.3	8.32	4.31
PLX12-360	418.9	273.6	209.9	175.6	124.9	87.3	69.3	37.4	26.5	21.2	17.9	11.6	9.57	4.96
PLX12-420	472.3	313.5	237.8	200.4	139.8	99.7	77.5	42.7	30.3	24.2	19.5	12.9	10.4	5.39
PLX12-500	513.4	364.8	275.1	229	176.4	123.4	98.3	53.7	39.5	30.4	25.7	17.2	13	6.73
PLX12-540	533.9	393.3	308	257.6	192.7	128.2	102.1	54.9	40.1	31.1	26.7	17.5	14	7.27
PLX12-620	595.5	419	349.8	286.2	200.9	138.6	108.8	61	43.2	34.6	29.2	19.1	15.6	8.08



Pure Lead High Rate PLX series

PLX Discharge Tables

1.85 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	324.2	239	205.9	168.3	128.9	97.2	76.6	49.1	34.9	26.9	21.2	15.1	12.4	6.58
PLX12-400FT(A)	569	438.9	357.7	299.5	222.7	158.6	131.7	75.8	52.8	45.4	37.3	24.3	20.1	10.5
PLX12-450FT(A)	579.8	457.7	362.3	311.7	241.4	189.2	154.9	91.7	66	51.8	42.9	28.4	23.3	12.4
PLX12-620FT(A)	705.8	561.5	484.7	425.3	318.6	246.3	194.9	108	78.3	62.3	50.2	36.2	29.8	15.7
PLX12-700FT(A)	730.9	636.4	560.3	485.5	369.7	275.2	223.2	129.6	93.7	73.9	61.8	43.5	37.4	19.5
PLX12-730FT	803	679.3	602.4	522	397.5	295.9	234.9	136.4	98.6	77.8	65.1	45.8	39.4	20.5
PLX12-330	432.1	308.9	262	230.5	172.3	128.4	103.3	58	41.7	33.6	28.7	19.5	16.1	8.44
PLX12-360	516.2	366.1	294.7	265.1	198.1	147.6	120.1	66.7	47.9	38.6	33	22	18.3	9.71
PLX12-420	573.6	419.4	334	302.6	221.8	168.5	134.3	76.1	54.7	44.1	35.8	24.4	20.1	10.6
PLX12-500	639.3	488.1	386.4	345.8	280	208.6	170.5	95.6	71.4	55.4	47.3	32.5	25.2	13.2
PLX12-540	645.3	526.2	425.7	389	305.8	216.6	177	97.8	72.4	56.7	49.1	33.2	27.2	14.3
PLX12-620	698.9	564.3	491.2	432.2	318.7	234.3	188.6	108.7	78.1	63	53.7	36.1	30.2	15.8

1.80 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	376.1	271	226.7	182.7	136.7	100.3	79.4	49.4	34.9	27.1	21.9	15.4	12.6	6.7
PLX12-400FT(A)	611	461.2	372.9	309.2	230.6	164.9	137.4	78.9	55.3	47	38.4	24.6	20.3	10.7
PLX12-450FT(A)	646.6	500.5	391.5	334.1	258.8	198.6	161.4	94.2	67.4	52.7	43.4	28.8	23.6	12.8
PLX12-620FT(A)	803.7	640.6	536.7	461.8	338.3	256.6	201.6	112.3	81.4	64.5	52.2	37.3	30.4	16.2
PLX12-700FT(A)	832.4	704.1	621.8	533.1	396.3	290.8	234.1	133.4	96.8	76	63.6	44.5	38.5	20.1
PLX12-730FT	914.4	750.9	668.5	573.2	426.1	312.6	246.4	140.4	101.9	80	66.9	46.8	40.5	21.2
PLX12-330	472	352.6	289.1	249.5	182.6	133.9	106.8	60.2	43.2	34.7	29.8	20.1	16.4	8.56
PLX12-360	573.5	417.9	325.2	286.9	210	154	124.2	69.3	49.7	39.9	34.3	22.6	18.4	9.85
PLX12-420	649	478.8	368.6	327.5	235.1	175.7	138.9	79.1	56.7	45.6	37.3	25.1	20.5	10.7
PLX12-500	713.9	557.1	426.4	374.3	296.7	217.6	176.3	99.4	74	57.3	49.2	33.4	25.6	13.4
PLX12-540	739.2	600.7	469.7	421	324.1	226	182.9	101.6	75.1	58.6	51.1	34.2	27.6	14.5
PLX12-620	793.6	639.8	542	467.8	337.8	244.4	195	112.9	81	65.1	55.9	37.2	30.7	16.1

1.75 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	415.3	292.3	242.2	193.2	144.2	103.8	81.8	49.8	35.1	27.2	22.3	15.6	12.7	6.75
PLX12-400FT(A)	642.4	480.1	382.6	318.4	236.4	167.7	140	80.8	56	47.9	38.8	24.9	20.4	10.7
PLX12-450FT(A)	711.4	539.7	417.5	353.7	271.6	206.3	166.8	96.3	68.6	53.5	44	29.1	24	13
PLX12-620FT(A)	867.8	693.4	575.5	488.4	357	265.7	207.5	114.9	83	66	53.3	37.8	30.7	16.4
PLX12-700FT(A)	898.8	750.5	657.6	563.4	417.4	303.2	243.7	135.8	98.4	77.5	64.8	45.3	39	20.4
PLX12-730FT	987.4	804.2	707.1	605.8	448.7	326	256.5	142.9	103.6	81.6	68.2	47.7	41.1	21.5
PLX12-330	518.2	382.3	310.5	263.8	192.5	136.5	109	61.5	44.1	35.5	30.3	20.3	16.5	8.62
PLX12-360	608.1	453.2	349.3	303.4	221.4	156.9	126.7	70.8	50.7	40.8	34.8	22.8	18.6	9.92
PLX12-420	696.7	519.2	395.8	346.3	247.9	179.1	141.7	80.8	57.8	46.6	37.9	25.4	20.6	10.8
PLX12-500	766	604.2	457.9	395.7	312.8	221.8	179.9	101.5	75.5	58.5	50	33.7	25.8	13.5
PLX12-540	795.8	651.4	504.5	445.2	341.7	230.3	186.7	103.9	76.6	59.9	51.9	34.5	27.9	14.6
PLX12-620	857.2	693.9	582.1	494.7	356.2	249	199	115.4	82.6	66.5	56.8	37.3	31	16.2

Pure Lead High Rate PLX series

PLX Discharge Tables

1.70 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	448.8	311.2	254.5	201.2	148.4	106.8	83.4	50	35.2	27.3	22.4	15.8	12.7	6.82
PLX12-400FT(A)	667.2	491.6	392.2	325.7	242.5	170.9	142.1	81.9	57.6	48.4	39.3	25.4	20.4	10.9
PLX12-450FT(A)	772	551.9	439.3	369.7	280.3	212.3	171	97.9	69.5	54.1	44.6	29.5	24.2	13.2
PLX12-620FT(A)	926.3	740.1	606.3	508.8	367.6	273.1	211.3	116.2	84.3	66.8	53.9	38	31	16.5
PLX12-700FT(A)	959.4	793.6	684.9	582.5	434	314.3	250.5	138.8	100.2	78.9	65.8	46.1	39.3	20.6
PLX12-730FT	1054	848.2	724.8	626.3	466.6	337.9	263.7	146.1	105.5	83.1	69.3	48.5	41.4	21.7
PLX12-330	550.2	408.8	326.4	274.6	197.8	140	112.3	62	44.6	35.8	30.5	20.4	16.6	8.66
PLX12-360	662.4	484.5	357	315.7	227.5	161	130.6	71.3	51.3	41.2	35.1	22.9	19	9.96
PLX12-420	756.7	550	418	360.4	254.7	183.8	146	81.4	58.6	47	38.2	25.5	20.8	10.8
PLX12-500	807.9	646	481.4	411.8	321.5	227.5	185.4	102.3	76.4	59.1	50.4	33.9	26	13.5
PLX12-540	838.4	696.5	530.4	463.3	351.2	236.3	192.4	104.6	77.5	60.5	52.3	34.6	28.1	14.6
PLX12-620	908.7	741.9	611.9	514.8	366	255.6	205	116.3	83.7	67.2	57.3	37.7	31.2	16.2

1.67 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	451.9	323	260	206.8	155	109.7	85.2	50.2	35.1	27.2	22.5	15.9	12.9	6.86
PLX12-400FT(A)	670	501.2	405	333	245	176.8	145.8	83.7	58.8	49.3	39.8	25.5	20.5	11
PLX12-450FT(A)	805.6	568.6	450	377.3	285.7	215.1	172.7	98.6	69.9	54.5	44.9	29.6	24.3	13.2
PLX12-620FT(A)	950	769.4	620	523.1	384	280.3	215.7	117.7	85	67.5	54.3	38.3	31.1	16.5
PLX12-700FT(A)	983.9	829.2	700	599.6	450.3	322.6	257.5	140.7	101	79.3	66.5	46.6	39.4	20.7
PLX12-730FT	1080.1	868.6	730	644.6	484.2	346.8	265.2	148.1	106.3	83.5	70	49.1	41.5	21.8
PLX12-330	600	427.4	330	283.5	204.8	144.6	114.2	62.8	44.9	36.1	30.7	20.5	16.7	8.68
PLX12-360	720	506.6	360	326	235.5	166.3	132.7	72.2	51.6	41.6	35.3	23.1	19.2	9.98
PLX12-420	815	570	420	372.1	263.6	189.8	148.4	82.4	58.9	47.4	38.3	25.7	20.8	10.8
PLX12-500	870	675.4	500	425.2	332.7	235	188.4	103.6	76.8	59.6	50.6	34.1	26.1	13.6
PLX12-540	920	728.2	540	478.4	363.5	244	195.5	105.9	78	61	52.5	34.9	28.1	14.6
PLX12-620	956.6	775.7	620	531.5	378.8	263.9	208.4	117.7	84.1	67.8	57.5	38	31.3	16.3

1.60 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	8h	10h	20h
PLX12-260FT(A)	465.9	336.9	266.5	213.6	159.1	110.9	86	50.2	35.1	27.2	22.6	16	13	7.07
PLX12-400FT(A)	710	506.1	410	343.9	250	179.3	147.2	85.4	59.6	50	40.3	25.5	20.5	11.2
PLX12-450FT(A)	872.8	597.8	466.9	388.7	292.2	218.7	175.1	99.6	70.6	55	45.2	29.8	24.5	13.3
PLX12-620FT(A)	1007	803.7	636.2	540.2	389	283.1	217.5	118.6	85.4	67.9	54.8	38.5	31.3	16.6
PLX12-700FT(A)	1043	861.8	704.9	608.6	465	328.4	261.3	142	101	79.7	66.8	46.7	39.7	20.8
PLX12-730FT	1145.8	886.9	736.5	654.3	500	353.1	269.4	149.5	106.8	83.9	70.3	49.2	41.8	21.9
PLX12-330	650.5	430.5	350.1	288.6	206.6	145.6	115	63.2	45	36.2	30.7	20.5	16.7	8.7
PLX12-360	758	510.2	393.8	331.9	237.6	167.4	133.7	72.6	51.8	41.6	35.3	23.1	19.2	10
PLX12-420	857.9	575	443	378.8	266	191.1	149.6	82.9	59.1	47.5	38.3	25.7	20.9	10.9
PLX12-500	887.6	680.3	516.3	432.9	335.8	236.6	189.8	104.2	77.1	59.7	50.6	34.1	26.1	13.6
PLX12-540	967.7	730	578	487	366.8	245.7	197	106.6	78.2	61	52.5	34.9	28.2	14.7
PLX12-620	978	781.2	656.3	541.1	382.3	265.7	209.9	118.4	84.4	67.8	57.5	38	31.3	16.3



AGM XP series



**-20°C-
+50°C**

TEMPERATURE
RANGE

**≤3% /
month
@ 25°C**

SHELF LIFE

**2-3
Years***

WARRANTY

**12
Years**

DESIGN LIFE

*Depending on the
actual model and
configuration set-up

Leoch XP series, are AGM Valve-Regulated Lead-Acid front terminal batteries that have been optimized for UPS applications. Engineered using advanced TTP technologies, they offer ultra-high-power discharge rates at 15mins and high consistency for multiple string applications, XP batteries offer 12 year design life.

GENERAL FEATURES



Long design life classified according to Eurobat



Reduced grid corrosion and elongated battery life, due to advanced lead tin calcium alloy used



Case sizing designs for increased replacement compatibility



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



Increased consistency by utilizing low tolerance manufacturing techniques



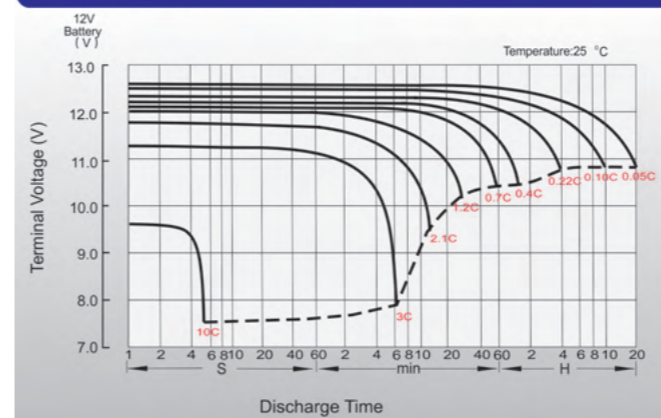
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

BATTERY SPECIFICATIONS

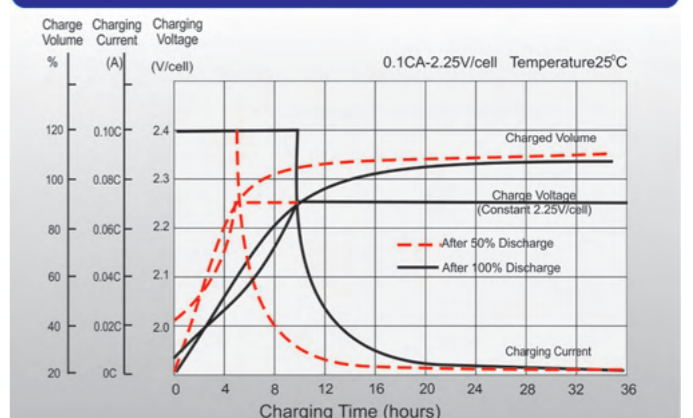
Model	Nominal Voltage (V)	Rated Power Discharge 15min @ 1.67V/cell (W)	Rated Capacity 20Hr @ 1.80V/cell (AH)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
					Length		Width		Height		Total Height		kg	lbs	
					mm	in.	mm	in.	mm	in.	mm	in.			
XP12-100	12	92.8	27	26.1	164.00	6.46	125.00	4.92	172.00	6.77	175.00	6.89	7.90	17.42	M5
XP12-150	12	150	35	33.5	195.00	7.68	130.00	5.12	164.00	6.46	167.00	6.57	10.20	22.49	M6
XP12-210	12	240.8	55	52.6	229.00	9.02	138.00	5.43	200.00	7.87	203.00	7.99	17.70	39.02	M6
XP12-300	12	324.6	82	78.6	260.00	10.24	168.00	6.61	208.00	8.19	211.00	8.31	24.20	53.35	M6
XP12-350	12	374	95	90.7	306.00	12.05	168.00	6.61	208.00	8.19	211.00	8.31	28.20	62.17	M6
XP12-400	12	422	101.6	96	325.50	12.81	170.00	6.69	213.00	8.39	216.00	8.50	31.60	69.67	M6
XP12-490	12	505.6	142	136	335.00	13.19	172.00	6.77	275.00	10.83	278.00	10.94	42.60	93.92	M6
XP12-540	12	540.1	155	147	335.00	13.19	172.00	6.77	275.00	10.83	278.00	10.94	42.60	93.92	M6
XP12-740	12	740	/	210	522.00	20.55	240.00	9.45	218.00	8.58	224.00	8.82	64.50	142.20	M8
XP12-810	12	810	/	230	522.00	20.55	268.00	10.55	220.00	8.66	226.00	8.90	73.30	161.60	M8

PERFORMANCE CHARACTERISTICS

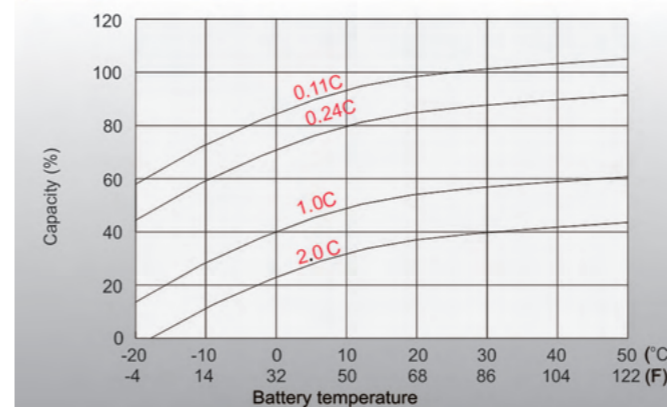
Discharge Characteristics



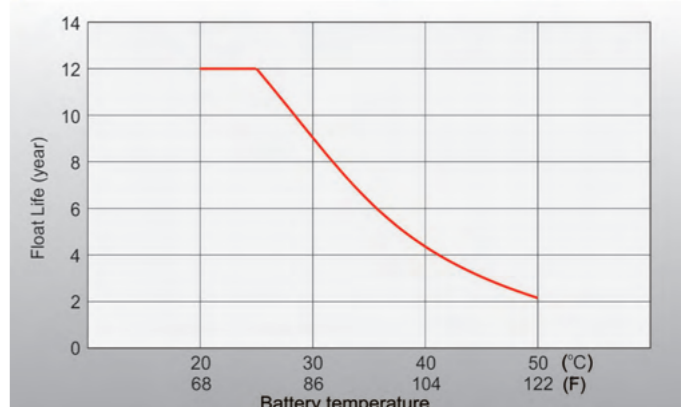
Floating Charging Characteristics



Temperature Effect in Relation to Battery Capacity



Temperature Effect on Long Term Float Life





AGM XP series

XP Discharge Tables

1.85 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	62.5	47.7	39	33	25.7	19.5	15.8	9.4	6.86	5.44	4.51	3.88	3.05	2.54	1.32
XP12-150	132.5	89.8	69.7	57.2	42.1	30.8	24.4	13.5	9.53	7.5	6.23	5.31	3.93	3.26	1.72
XP12-210	147.1	107.6	90.4	74.4	59.7	42.6	34.1	19.2	13.7	10.8	8.99	7.75	6.16	5.13	2.64
XP12-300	192.4	146.1	126	110.2	85	63.6	51.2	29.1	20.7	16.2	13.5	11.6	9.19	7.7	4.02
XP12-350	226.8	177.5	147	123.1	96	70.6	57.3	33.7	24.4	19.1	15.8	13.6	10.7	8.84	4.63
XP12-400	244.7	193.8	168.2	139.3	107.2	78	58.4	33.8	25	20	16.8	14.6	11.4	9.37	4.94
XP12-490	261.7	220.7	194.8	168.9	134.5	103.1	82.1	48.4	35.1	28	23.4	20.2	16	13.3	6.93
XP12-540	282.7	229.7	197.9	173.4	139.3	106	87	51.5	37.2	29.6	24.6	21.4	17.1	14.3	7.57
XP12-740	448.7	358.2	310.6	244.2	172.3	128.6	115.6	69.4	51.7	40.9	34.6	29.8	23.9	20.4	10.5
XP12-810	490.5	391.6	339.5	267	188.4	140.9	126.6	76	56.6	44.8	37.9	32.7	26.2	22.4	11.5

1.80 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	71.2	52.8	42.2	34.9	27.2	20.6	16.8	9.88	7.12	5.61	4.67	4.01	3.15	2.61	1.35
XP12-150	142.5	95.1	73.2	59.5	43.4	31.6	25	13.7	9.69	7.61	6.32	5.39	4.03	3.35	1.75
XP12-210	175.1	122.4	102.4	81.9	64.2	45.2	35.9	20	14.2	11.2	9.28	7.97	6.33	5.26	2.75
XP12-300	220.7	161	138.1	118.8	89.5	65.9	52.9	30	21.4	16.7	13.9	12	9.46	7.86	4.1
XP12-350	253.9	197.8	160.1	133.1	101.7	74.1	60.1	35	25.1	19.8	16.3	14	10.9	9.07	4.75
XP12-400	290.9	220.9	186.4	152	114.8	82.3	61.5	35.2	26	20.8	17.5	15	11.7	9.6	5.08
XP12-490	310.5	248.5	216.5	183.6	144.4	109.9	87.2	50.6	36.7	28.9	24.1	20.8	16.4	13.6	7.1
XP12-540	327.4	254	218	192	151.7	114.1	92.1	54	38.8	30.7	25.5	22.1	17.6	14.7	7.75
XP12-740	510.2	406.6	351.9	276.1	194.3	137.5	119.5	73.5	53.4	42.4	35.9	30.8	24.4	21	10.8
XP12-810	557.9	444.5	384.8	301.9	212.4	150.5	130.8	80.5	58.5	46.4	39.4	33.8	26.7	23	11.8

1.75 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	81.1	56.4	44.8	37.3	28.3	21.3	17.3	10.2	7.32	5.74	4.75	4.08	3.22	2.66	1.38
XP12-150	150.2	99	75.6	61.2	44.5	32.3	25.5	14	9.85	7.71	6.4	5.45	4.11	3.41	1.79
XP12-210	202.2	135.5	110.6	87.7	67.2	47.3	37.1	20.6	14.6	11.4	9.47	8.13	6.45	5.36	2.81
XP12-300	251.1	180.8	150.2	126	93.3	68	54.3	30.9	21.9	17.1	14.2	12.3	9.66	8	4.17
XP12-350	283.5	217	173.1	142.2	106.9	77.5	62.5	35.8	25.7	20.1	16.7	14.3	11.2	9.25	4.86
XP12-400	327.2	243	200.9	161.7	121.8	86.1	65.1	36.5	26.8	21.4	17.9	15.4	12	9.81	5.2
XP12-490	355	282.6	237.2	196.8	152.2	115.5	91.7	52.5	38	29.9	24.8	21.4	16.8	13.8	7.26
XP12-540	381.3	284.1	241.7	207.9	162.8	121.1	97.3	56.3	40.1	31.5	26.1	22.6	17.9	15	7.93
XP12-740	554.2	440.9	381	298.1	209	143.8	124.4	76.3	54.5	43.8	37	31.5	24.6	21.1	10.9
XP12-810	605.9	482.1	416.5	325.9	228.5	157.5	136.2	83.6	59.7	48	40.5	34.5	27	23.1	11.9

AGM XP series

XP Discharge Tables

1.70 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	89.1	60.3	46.8	38.6	29.2	21.9	17.7	10.4	7.47	5.88	4.87	4.19	3.29	2.71	1.4
XP12-150	157.3	102.9	78.1	62.9	45.7	33	26	14.2	9.99	7.82	6.49	5.52	4.2	3.48	1.82
XP12-210	219.3	147.6	118.6	93.2	70.6	48.9	38.4	21	15	11.7	9.69	8.32	6.59	5.45	2.86
XP12-300	276.4	196	160.1	134.1	98.1	70.9	55.9	31.4	22.4	17.6	14.6	12.5	9.82	8.14	4.24
XP12-350	314.3	235.4	184.2	151.3	112.3	80.9	64.5	36.6	26.2	20.6	17.1	14.6	11.4	9.43	4.94
XP12-400	357.7	258.7	211.8	169.6	126.7	89.8	67.8	37.9	27.6	21.9	18.2	15.7	12.2	10	5.26
XP12-490	391.7	303.6	253.1	208.7	159.8	120.9	95.6	54.7	38.9	30.5	25.4	21.8	17.1	14	7.38
XP12-540	425.9	312.2	265.5	225.9	174.3	127.9	102	58.2	41.2	32.3	26.7	23	18.3	15.3	8.06
XP12-740	592.5	470.1	404.6	316.1	221.5	148.9	129.8	78.1	55.7	44.8	37.8	32.1	25	21.2	10.9
XP12-810	647.8	514	442.4	345.6	242.2	163.1	142.2	85.6	61.1	49.1	41.4	35.2	27.4	23.2	11.9

1.67 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	94.8	63	48.9	40.1	30.1	22.5	18.2	10.6	7.62	5.98	4.98	4.28	3.34	2.75	1.43
XP12-150	162.7	105.8	80	64.2	46.5	33.6	26.4	14.4	10.1	7.89	6.55	5.57	4.31	3.54	1.85
XP12-210	237.5	156	127	98.1	73.1	50.6	39.5	21.6	15.2	11.9	9.88	8.49	6.71	5.56	2.91
XP12-300	305.8	213.4	171.2	140.2	102.3	73	57.5	32	22.8	17.8	14.8	12.6	9.99	8.28	4.31
XP12-350	347.6	251.9	197.3	159.6	117.7	83.6	66.3	37.3	26.7	21	17.3	14.9	11.6	9.59	5.03
XP12-400	391.3	274.3	222.6	171.8	129.4	91.1	69.5	39	28.4	22.5	18.7	16.1	12.5	10.1	5.3
XP12-490	426	326.6	270.7	220.4	168.3	126.5	99.4	56.6	40.1	31.4	25.9	22.2	17.4	14.2	7.51
XP12-540	466.9	344	289.1	240.4	181.8	133.3	105.6	60.1	42.4	33.1	27.3	23.5	18.7	15.5	8.15
XP12-740	613.2	485	416.4	324.7	226.8	156.3	131.2	80	57	45.4	38.3	32.5	25.3	21.6	11.1
XP12-810	670.4	530.3	455.3	355	248	171.2	143.7	87.6	62.4	49.8	42	35.6	27.7	23.6	12.2

1.60 Vpc – Discharge in A at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	98.5	65.1	50.5	41.5	31.1	23	18.6	10.8	7.76	6.12	5.1	4.37	3.41	2.81	1.47
XP12-150	172.6	110.3	82.8	66.1	47.7	34.4	26.9	14.6	10.3	8.03	6.65	5.65	4.4	3.62	1.9
XP12-210	255.6	166.8	132.4	102.2	75.7	52.4	40.8	22	15.5	12.2	10.1	8.73	6.88	5.68	2.99
XP12-300	336.2	230.3	180.7	147.6	106.3	75.7	58.8	32.6	23.1	18.2	15.1	12.9	10.2	8.43	4.36
XP12-350	377.1	268.5	210.6	166.7	123	88	69.6	38.3	27.2	21.4	17.7	15.2	11.9	9.76	5.16
XP12-400	410.1	285.9	229.4	181.8	133.8	94.1	72.4	39.7	28.9	22.8	18.9	16.3	12.6	10.3	5.33
XP12-490	463.5	354.8	287.3	232.3	176.4	131.3	103	58.1	41.1	32.1	26.6	22.7	17.7	14.5	7.63
XP12-540	502.7	372.2	305	253.4	191.1	138.9	109.5	61.7	43.2	34	28	24.2	19.1	15.9	8.36
XP12-740	634.9	501.6	429.4	333	232.3	165	133.6	81.6	58.4	46.5	39.1	33	25.4	21.7	11.2
XP12-810	694.1	548.4	469.4	364.1	254	180.7	146.4	89.3	64	50.9	42.8	36.1	27.8	23.7	12.2



AGM XP series

XP Discharge Tables

1.85 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	121.5	93.3	76.8	65.3	51	38.9	31.7	18.9	13.9	11	9.18	7.91	6.26	5.22	2.74
XP12-150	250.7	170.8	133.5	110.2	81.4	59.7	47.4	26.4	18.7	14.8	12.3	10.5	8.05	6.71	3.55
XP12-210	286.3	210.7	177.9	147	118.6	85.2	68.2	38.5	27.7	21.9	18.3	15.8	12.6	10.5	5.46
XP12-300	374.2	285.7	247.8	217.9	168.9	127	102.5	58.4	41.9	32.9	27.4	23.7	18.8	15.8	8.3
XP12-350	441.2	347.2	289.2	245.8	190.7	141	114.9	67.8	49.2	38.8	32.2	27.7	21.8	18.2	9.58
XP12-400	476.2	379.1	330.9	275.3	213.1	155.8	117	68.1	50.4	40.6	34.2	29.7	23.4	19.3	10.2
XP12-490	497.8	424.6	377.4	329	263.7	203.4	162.9	96.6	70.3	56.2	47.3	41.1	32.7	27.3	14.3
XP12-540	537.7	441.9	383.5	339.5	273	209.1	172.5	102.8	74.4	59.5	49.8	43.5	34.9	29.5	15.6
XP12-740	837.9	673.8	588	464.5	329.3	247.3	223.6	135	101	80.2	68.1	58.9	47.4	40.6	20.9
XP12-810	916.1	736.7	642.9	507.9	360	270.8	244.8	147.9	110.6	87.8	74.6	64.5	51.9	44.5	22.9

1.80 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	137.1	102.2	82.2	68.4	53.6	40.8	33.4	19.8	14.3	11.3	9.45	8.13	6.42	5.33	2.77
XP12-150	267	179.8	139.2	114	83.6	61.1	48.4	26.8	19	15	12.5	10.7	8.22	6.85	3.59
XP12-210	336.9	237	199.4	160.4	126.3	89.6	71.3	39.9	28.6	22.5	18.8	16.2	12.9	10.8	5.65
XP12-300	425	311.8	269	232.7	176.4	130.6	105.2	59.9	42.9	33.7	28.1	24.3	19.3	16.1	8.42
XP12-350	488.8	383	311.7	263.2	200.3	146.9	119.5	69.9	50.4	39.8	33.1	28.3	22.3	18.6	9.76
XP12-400	559.9	427.7	363	297.7	226.2	163	122.4	70.4	52.2	41.9	35.3	30.5	23.9	19.7	10.4
XP12-490	583.6	474.1	415.6	355.1	280.9	215	171.7	100.2	72.9	57.7	48.3	41.8	33.3	27.7	14.6
XP12-540	615.4	484.6	418.6	373.2	295	223.2	181.3	106.8	77.1	61.2	51.1	44.4	35.6	30	15.9
XP12-740	937.3	753.8	657.8	519.6	368.3	262.5	229.8	142.2	103.9	82.8	70.5	60.6	48.3	41.7	21.5
XP12-810	1024.8	824.1	719.1	568.1	402.7	287.5	251.7	155.8	113.8	90.7	77.2	66.4	52.9	45.7	23.5

1.75 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	154.5	108.1	86.6	72.3	55.3	41.7	34.1	20.2	14.6	11.5	9.55	8.23	6.52	5.42	2.82
XP12-150	278.3	185.7	143	116.5	85.3	62.2	49.2	27.2	19.3	15.2	12.6	10.8	8.33	6.94	3.66
XP12-210	385.5	259.9	213.5	170.1	131.3	92.7	73.4	41	29.2	22.9	19	16.4	13.1	10.9	5.75
XP12-300	478.5	346.7	290	244.5	182.2	133.6	107.2	61.3	43.7	34.3	28.6	24.7	19.6	16.3	8.53
XP12-350	540.1	416.3	334.1	278.8	208.8	152.2	123.4	71.1	51.3	40.3	33.5	28.9	22.7	18.8	9.93
XP12-400	623.5	466.1	387.8	313.9	237.8	169.2	128.6	72.5	53.4	42.9	35.9	31.1	24.4	20	10.6
XP12-490	661.2	532.2	451.5	377.7	293.7	224.2	179.2	103.3	75	59.3	49.5	42.9	33.9	28	14.8
XP12-540	710.1	534.9	459.8	400.9	314.2	235.1	190.2	110.7	79.2	62.5	52	45.2	36.1	30.4	16.2
XP12-740	1000.4	804.5	702	554.6	393.1	273	238.2	147.1	105.8	85.3	72.3	61.8	48.6	41.8	21.5
XP12-810	1093.7	879.6	767.5	606.3	429.8	299	260.9	161.1	115.9	93.4	79.2	67.6	53.2	45.8	23.6

AGM XP series

XP Discharge Tables

1.70 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	167.8	114.3	89.2	74.2	56.6	42.6	34.8	20.5	14.8	11.7	9.72	8.39	6.61	5.47	2.85
XP12-150	288.6	191.8	146.8	119.3	87.1	63.4	50	27.6	19.5	15.3	12.8	10.9	8.45	7.03	3.7
XP12-210	413	280	226.2	179	136.5	95.1	75.3	41.4	29.7	23.3	19.3	16.7	13.3	11	5.81
XP12-300	520.7	371.7	305.4	257.5	189.6	137.9	109.5	61.9	44.4	34.9	29.1	25	19.8	16.5	8.61
XP12-350	592	446.5	351.5	293.6	217	157.4	126.2	72.1	52	41.1	34.1	29.2	23	19.1	10
XP12-400	673.9	490.7	404	325.8	244.9	174.9	133	74.7	54.8	43.6	36.4	31.4	24.6	20.2	10.7
XP12-490	722.4	566.4	476.7	397.6	306.2	233	185.4	106.7	76.5	60.3	50.4	43.4	34.3	28.3	15
XP12-540	785.4	582.5	500.2	432.4	334.1	246.5	197.9	113.6	80.8	63.8	53	45.8	36.7	30.9	16.4
XP12-740	1051.7	845.7	738	583	413.3	280.8	247.3	150	107.7	87	73.7	62.9	49.3	42.1	21.7
XP12-810	1149.8	924.7	806.9	637.4	451.9	307.5	270.8	164.3	118	95.3	80.7	68.8	54	46.1	23.7

1.67 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	177.1	118.7	92.8	76.3	57.9	43.4	35.5	20.8	15	11.8	9.89	8.53	6.7	5.54	2.89
XP12-150	296.1	196.1	150	121.5	88.4	64.2	50.7	27.8	19.7	15.5	12.9	11	8.62	7.12	3.75
XP12-210	443.8	293.8	240.8	187.2	140.6	98	77.1	42.3	30	23.6	19.6	16.9	13.4	11.2	5.89
XP12-300	571.4	401.7	324.6	267.6	196.7	141.4	112	62.7	44.9	35.3	29.4	25.2	20	16.7	8.72
XP12-350	649.4	474.3	374	307.6	226.1	162	129.1	73.1	52.7	41.6	34.4	29.6	23.3	19.3	10.2
XP12-400	731.1	516.5	422	328	248.8	176.3	135.4	76.5	55.9	44.5	37.2	32	25	20.4	10.7
XP12-490	777.5	602.9	505.7	416.4	320.5	242.5	191.8	109.9	78.2	61.7	51.1	44.1	34.6	28.6	15.2
XP12-540	852	635.1	540.1	456.6	346.4	255.5	203.8	116.8	82.8	65	53.9	46.6	37.2	31.2	16.5
XP12-740	1068.8	859.5	740	592.5	420	293.1	248.6	152.9	109.6	87.8	74.4	63.5	49.8	42.7	22
XP12-810	1168.5	939.7	810	647.8	459.2	321	272.3	167.5	120	96.2	81.5	69.5	54.5	46.7	24.1

1.60 Vpc – Discharge in W/block at 25 °C

Model	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
XP12-100	181.9	121.3	94.8	78.2	59.3	44	35.9	21	15.2	12	10	8.62	6.77	5.61	2.94
XP12-150	308.1	201.9	154.1	124.5	90.4	65.4	51.6	28.3	20	15.7	13	11.1	8.73	7.21	3.81
XP12-210	472.3	310.7	248.5	193.1	144.2	100.4	78.9	42.7	30.4	24	20	17.2	13.6	11.3	5.98
XP12-300	621.1	429	339.1	279	202.3	145.1	113.5	63.3	45.1	35.7	29.7	25.5	20.2	16.8	8.73
XP12-350	696.8	500	395	318.4	234.1	168.6	134.2	74.5	53.2	42	34.9	29.9	23.6	19.4	10.3
XP12-400	757.7	532.5	430.4	343.7	254.8	180.4	139.9	77.1	56.5	44.8	37.3	32.2	25	20.4	10.7
XP12-490	829.6	641.4	527.2	429.8	329.2	247	195.1	110.8	78.8	61.9	51.5	44.3	34.6	28.5	15.2
XP12-540	898.8	672.8	559.7	471.1	356.4	261.2	207.5	117.7	82.9	65.5	54.3	47.1	37.5	31.3	16.6
XP12-740	1083.7	871.5	760.5	600.8	425.9	306.5	251.4	155	111.8	89.5	75.5	64.1	49.9	42.8	22
XP12-810	1184.9	952.9	831.5	656.9	465.6	335.7	275.3	169.7	122.4	98	82.7	70.3	54.7	46.9	24.2



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 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 (2V) and 12-year (12V) life design and a wide 12V and 2V capacity range to cover any requirement.

GENERAL FEATURES



**EUROBAT
CLASSIFICATION**

Long (and very long) design life classified according to Eurobat (12V >20Ah, 2V all models)



SAFETY

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



**CHARGE
ENDURANCE**

Optimized high-power output at short discharge times



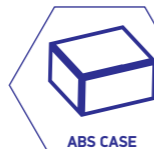
**LONG SERVICE
LIFE**

Special pasting formula ensures long service life



CONSISTENCY

Increased consistency by utilizing low tolerance manufacturing techniques



ABS CASE

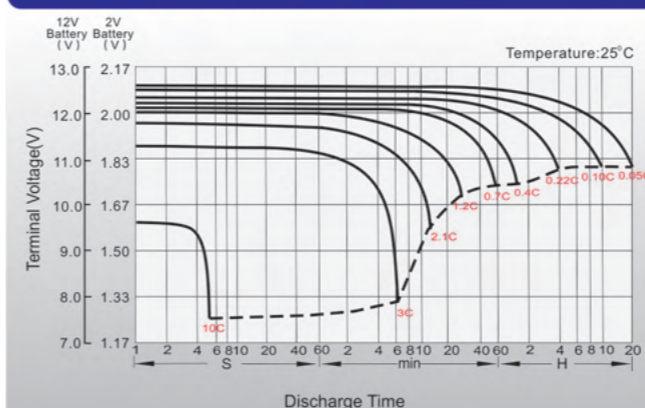
ABS case UL94-HB (UL94-V0 Optional) is used for increased container strength

BATTERY SPECIFICATIONS

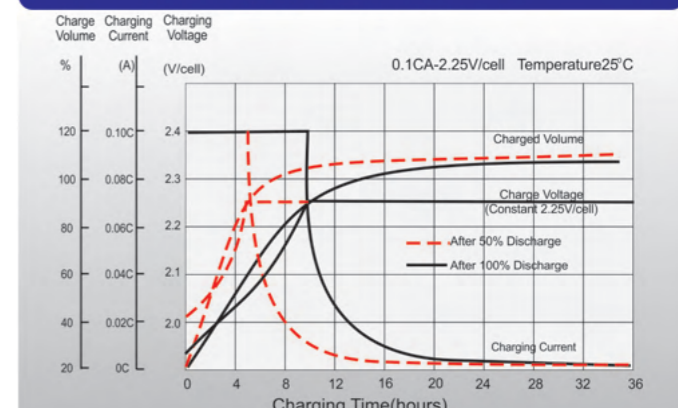
Model	Nominal Voltage (V)	Rated Power Discharge 15min @ 1.67V/cell (W)	Rated Capacity 10Hr @ 1.80V/cell (AH)	Approx. Dimensions								Approx. Weight		Terminal Type
				Length		Width		Height		Total Height		kg	lbs	
				mm	in.	mm	in.	mm	in.	mm	in.			
LHR1224W	12	24	5.3	90.00	35.43	70.00	27.56	101.00	39.76	107.00	42.13	1.88	4.14	T1/T2
LHR1226W	12	26	6.5	151.00	59.45	65.00	25.59	93.50	36.81	99.50	39.17	2.08	4.59	T1/T2
LHR1235W	12	35	7.8	151.00	59.45	65.00	25.59	93.50	36.81	99.50	39.17	2.50	5.51	T1/T2
LHR1236W	12	36	7.5	151.00	59.45	65.00	25.59	93.50	36.81	99.50	39.17	2.70	5.95	T1/T2
LHR1255W	12	55	13	151.00	59.45	98.00	38.58	95.00	37.40	101.00	39.76	3.78	8.33	T1/T2
LHR1285W	12	85	18.6	181.50	71.46	76.50	30.12	167.50	65.94	167.50	65.94	6.00	13.23	T12
LHR12120W	12	120	38	197.00	77.56	165.00	64.96	170.00	66.93	170.00	66.93	11.60	25.57	T6(M6)
LHR12160W	12	160	45	197.00	77.56	165.00	64.96	170.00	66.93	170.00	66.93	14.20	31.31	T6(M6)
LHR12185W	12	185	55	229.00	90.16	138.00	54.33	205.00	80.71	211.00	83.07	16.20	35.71	T6(M6)
LHR12215W	12	215	65	348.00	137.01	167.00	65.75	178.00	70.08	178.00	70.08	19.20	42.33	T6(M6)
LHR12255W	12	255	70	348.00	137.01	167.00	65.75	178.00	70.08	178.00	70.08	21.40	47.18	T6(M6)
LHR12300W	12	300	75	256.00	100.79	173.00	68.11	213.00	83.86	216.00	85.04	23.40	51.59	T11(M8)
LHR12350W	12	350	85	293.00	115.35	173.00	68.11	213.00	83.86	216.00	85.04	26.80	59.08	T11(M8)
LHR12360W	12	360	100	330.00	129.92	173.00	68.11	213.00	83.86	216.00	85.04	29.40	64.82	T11(M8)
LHR12370W	12	370	100	330.00	129.92	173.00	68.11	212.00	83.46	220.00	86.61	30.70	67.68	T11(M8)
LHR12390W	12	390	100	330.00	129.92	173.00	68.11	212.00	83.46	220.00	86.61	33.00	72.75	T11(M8)
LHR12400W	12	400	100	330.00	129.92	173.00	68.11	213.00	83.86	216.00	85.04	30.20	66.58	T11(M8)
LHR12420W	12	420	110	408.00	160.63	177.00	69.69	225.00	88.58	225.00	88.58	35.30	77.82	T11(M8)
LHR12430W	12	430	100	330.00	129.92	173.00	68.11	213.00	83.86	216.00	85.04	30.80	67.90	T11(M8)
LHR12450W	12	450	115	408.00	160.63	177.00	69.69	225.00	88.58	225.00	88.58	37.10	81.79	T11(M8)
LHR12510W(A)	12	510	130	483.00	190.16	170.00	66.93	238.50	93.90	238.50	93.90	43.70	96.34	T11(M8)
LHR12510W	12	510	140	483.00	190.16	170.00	66.93	238.50	93.90	238.50	93.90	43.60	96.12	T11(M8)
LHR12550W	12	550	140	483.00	190.16	170.00	66.93	238.50	93.90	238.50	93.90	46.10	101.63	T11(M8)
LHR12605W(A)	12	605	160	532.00	209.45	207.00	81.50	214.00	84.25	220.00	86.61	55.00	121.25	T11(M8)
LHR12605W	12	605	170	532.00	209.45	207.00	81.50	214.00	84.25	220.00	86.61	53.70	118.39	T11(M8)
LHR12650W	12	650	170	532.00	209.45	207.00	81.50	214.00	84.25	220.00	86.61	57.00	125.66	T11(M8)
LHR12700W(A)	12	700	180	532.00	209.45	207.00	81.50	214.00	84.25	220.00	86.61	59.50	131.17	T11(M8)
LHR12705W	12	705	190	532.00	209.45	207.00	81.50	214.00	84.25	220.00	86.61	57.90	127.65	T11(M8)
LHR12750W	12	750	210	522.00	205.51	240.00	94.49	218.00	85.83	224.00	88.19	65.30	143.96	T11(M8)
LHR12800W	12	800	205	522.00	205.51	240.00	94.49	218.00	85.83	224.00	88.19	68.70	151.46	T11(M8)
LHR12815W	12	815	230	522.00	205.51	268.00	105.51	220.00	86.61	226.00	88.98	74.10	163.36	T11(M8)
LHR500W	2	500	180	90.00	35.43	181.00	71.26	350.00	137.80	365.00	143.70	11.80	26.01	T18(M8)
LHR600W	2	600	200	90.00	35.43	181.00	71.26	350.00	137.80	365.00	143.70	12.80	28.22	T18(M8)
LHR750W	2	750	270	124.00	48.82	181.00	71.26	350.00	137.80	365.00	143.70	17.40	38.36	T18(M8)
LHR900W	2	900	300	124.00	48.82	181.00	71.26	350.00	137.80	365.00	143.70	18.20	40.12	T18(M8)
LHR950W	2	1000	300	124.00	48.82	181.00	71.26	350.00	137.80	365.00	143.70	19.20	42.33	T18(M8)
LHR1200W	2	1200	400	158.00	62.20	181.00	71.26	350.00	137.80	365.00	143.70	24.10	53.13	T18(M8)
LHR1250W	2	1250	470	191.00	75.20	181.00	71.26	350.00	137.80	365.00	143.70	27.50	60.63	T18(M8)
LHR1520W	2	1520	500	191.00	75.20	181.00	71.26	350.00	137.80	365.00	143.70	30.30	66.80	T18(M8)
LHR1800W	2	1800	600	225.00	88.58	181.00	71.26	350.00	137.80	365.00	143.70	36.20	79.81	T18(M8)
LHR1950W	2	1950	600	225.00	88.58	181.00	71.26	350.00	137.80	365.00	143.70	37.30	82.23	T18(M8)
LHR2400W	2	2400	800	303.00	119.29	181.00	71.26	350.00	137.80	365.00	143.70	48.50	106.92	T18(M8)
LHR2450W	2	2450	800	303.00	119.29	181.00	71.26	350.00	137.80	365.00	143.70	49.20	108.47	T18(M8)
LHR2850W	2	2850	1000	370.00	145.67	181.00	71.26	350.00	137.80	365.00	143.70	58.70	129.41	T18(M8)
LHR12390FT	12	390	95	508.00	200.00	110.00	43.31	235.00	92.52	235.00	92.52	34.00	74.96	T6-A(M8)
LHR12550FT	12	550	140	551.00	216.93	110.00	43.31	288.00	113.39	288.00	113.39	47.50	104.72	T6-A(M8)
LHR12600FT	12	600	150	550.00	216.54	125.00	49.21	281.50	110.83	281.50	110.83	51.00	112.44	T11(M8)
LHR12700FT	12	700	180	560.00	220.47	125.00	49.21	318.00	125.20	318.00	125.20	60.00	132.28	T11(M8)

PERFORMANCE CHARACTERISTICS

Discharge Characteristics



Floating Charging Characteristics

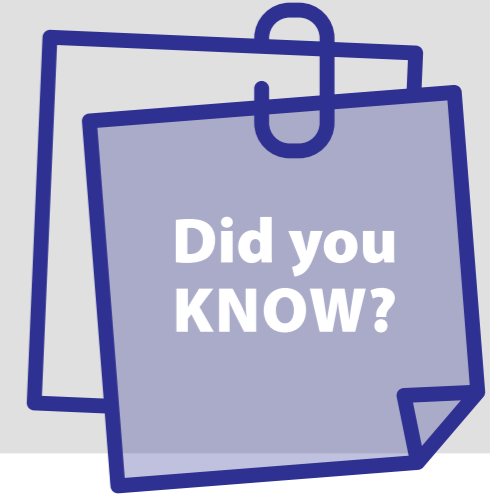




Why choose us?



The Leoch Battery UK Team offers over 100 years' collective experience in the import, export, and distribution of batteries throughout the UK & Europe.



Central UK warehouse

Our centrally located headquarters and warehouse in Market Harborough, Leicestershire, in the heart of the East Midlands, allow us to distribute our extensive range of batteries with ease and speed across the entirety of the country.



Quality assured products

Partnering directly with Leoch, one of the largest battery producers in the world, means we know where our products have been manufactured. Continuity of supply is assured: a rarity in the industry.



UN 38.3 Accreditation

Leoch Lithium 12 and 24V Lithium batteries boast Section 38.3 accreditation from the UN Manual of Tests and Criteria (UN Transportation Testing). This means they are safe to be transported by air, sea, rail and road and throughout the battery's transportation process right through to the end user. The protocol includes identifying/classifying lithium batteries; testing/ qualification requirements; design guidance/conditions and packaging/shipping obligations



Own branding

Trade customers of Leoch Battery UK can take advantage of the technologies of one of the largest battery manufacturers in the world and develop their own private labelling. An increasingly popular practice, own-branding can lower your costs and increase your profit margins. Both paper and screenprint labelling are possible and we welcome all enquiries.



CE Marking

Leoch Battery's 12 and 24V Lithium batteries are CE accredited, signifying that they conform with health, safety and environmental protection standards for products sold within the European Economic area. The batteries are assembled according to tests including IEC-61000-6-1 and 61000-6-3 which relate to the Electromagnetic Compatibility (EMC) Directive 2014/30/EU.



National sales team

We have a dedicated sales team of highly experienced battery professionals out on the road, who are backed up by operations and sales experts in-house. Whether on the end of a phone or making a visit to you in person, our representatives are always on hand to provide expert advice on any technical, sales or after-sales service matters.



National warranty coverage

For your convenience, Leoch Battery UK's warranty coverage (Link to warranty page) extends to all batteries distributed by the company, whether purchased directly from us or bought through one of our customers. Our batteries are supported by excellent manufacturer warranties of 12 months and tested by trained experts at our UK facility.

Our Website



www.leochbattery.co.uk

is the site to bookmark for up-to-date Company information and the latest product news. Blogs, downloads and product advice can all be found here, as well as details of the latest exhibitions we're attending.



Our team of dedicated Account Managers and office staff would be delighted to advise on further product information, technical data and suitability, regardless of the application.



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