



ASSURED UPS Line

Reliable High Rate UPS Batteries

General Features

- ✓ Drop-In Replacement- Popular Front and Top Terminal Sizes
- ✓ Large Robust Copper Alloy Terminals for Low Connector Resistance
- ✓ Pure Lead Punched Grid Battery Designs for Ultra High Rate Performance
- ✓ Strong Gravity Casts for Consistent Performance Under High Rate Discharges
- ✓ Solid ABS Jar & covers (UL94V 0) Flame Retardant Available



For more information call 949.588.5853 or email sales@leoch.us
Visit us at www.leoch.us for product details

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RELIABLE POWER SOLUTIONS

■ High Rate AGM Batteries for Critical Applications

Leoch Battery Corporation
www.leoch.us | www.LeochBatterySizer.com



Typical Applications

- Critical High Rate UPS support
- High power backup systems
- Emergency power supply
- Aux Power Back-up Batteries
- Emergency lighting
- Diesel Starting Battery Systems

PLX Series: Pure Lead Punched Grid AGM

Features & Benefits

- 165 to 730 WPC for 15 min to 1.67 VPC
- Pure lead punched grid design
- ABS/PC Flame Retardant jar & covers to UL94V-0 & >28% LOI
- Automated COS & TTP Welding
- Low float current & long shelf life
- Designed for Critical UPS Applications 20 yr design life
- 100% initial capacity, fast recharge acceptance
- UL Recognized, IEC Certified, & IATA Approved for Air Freight



Easy access front terminals.
No overhead space required.
Front gas ports for air tight enclosures.

Specifications

Model Number	Nominal Voltage (V)	15 min WPC at 77°F	Length		Width		Height		Weight		Terminal
			inches	mm	inches	mm	inches	mm	lbs	kg	
New! 12V Top Terminal Pure Lead Punched Grid - 20YR Design Life											
PLX12-330	12	330	10.24	260.0	6.61	168	8.19	208.0	55.1	25.0	M6
PLX12-360	12	360	12.05	306.0	6.61	168	8.15	207.0	65.0	29.5	M6
PLX12-420	12	420	13.42	340.9	6.69	170	8.39	213.2	72.8	33.0	M6
PLX12-500	12	500	13.42	340.9	6.69	170	10.76	273.2	91.5	41.5	M6
PLX12-540	12	540	13.42	340.9	6.69	170	10.76	273.2	94.8	43.0	M6
PLX12-620	12	620	13.42	340.9	6.69	170	10.76	273.2	98.1	44.5	M6
Front Terminal Models											
PLX12-260FT	12	260	11.76	298.7	3.82	97	10.51	267	43.87	19.9	M6
PLX12-400FT(A)	12	400	15.96	405.4	4.25	108	11.30	287	69.44	31.5	M6/M8
PLX12-450FT	12	450	22.01	559	4.92	125	8.94	227	83.11	37.7	M6
PLX12-600FT	12	600	22.48	571	4.92	125	10.24	260	104.94	47.6	M8
PLX12-620FT(A)	12	620	22.01	559	4.92	125	12.60	320	106.92	48.5	M6
PLX12-700FT	12	715	22.48	571	4.92	125	12.60	320	133.38	60.5	M8
PLX12-700FT(A)	12	715	22.01	559	4.92	125	12.60	320	127.87	58.0	M6
PLX12-730FT	12	730	22.48	571	4.92	125	12.60	320	134.48	61.0	M8

LPF Series: Front Terminal AGM Batteries

Features & Benefits

- 136 to 614.6 WPC for 15 min to 1.67 VPC
- Virgin lead plates w/copper alloy terminal inserts (low resistance)
- Easy access to front terminals speeds Voltage & Ohmic readings
- Solid ABS jar & covers (UL94V-0 Flame Retardant available)
- Strong gravity casted grids for long life
- Designed for Critical High Rate UPS Applications -10 yr design life
- 100% initial capacity, & streamlined design speeds installation
- Automated Cast on Strap inter-plate welding UL Recognized, IEC60896-21 22 Certified, & IATA Approved for Air Freight



Specifications

Model Number	Nominal Voltage (V)	15 min WPC at 77°F	Length		Width		Height		Weight		Terminal
			inches	mm	inches	mm	inches	mm	lbs	kg	
LPF12-40	12	136.3	10.9	277	4.17	106	8.74	222	34.2	15.5	M6 Insert
LPF12-50	12	172.7	15.3	390	4.17	105	7.87	200	40.4	18.3	M6 w/FTA
LPF12-55	12	188.8	10.9	277	4.17	106	8.74	222	38.2	17.3	M6 Insert
LPF12-70	12	228.7	22.2	564	4.49	114	7.36	187	56.3	25.5	M6 Insert
LPF12-75	12	253.0	22.2	564	4.49	114	7.36	187	57.4	26.0	M6 Insert
LPF12-90	12	294.6	20.0	508	4.33	110	9.39	238.5	70.6	32.0	T13 (M6 Insert)
LPF12-100	12	294.6	15.5	394	4.33	110	11.26	286	69.5	31.5	M6 w/FTA
LPF12-100A	12	309.1	20.0	508	4.33	110	9.39	238.5	77.2	35.0	T13 (M6 Insert)
LPF12-100H	12	309.1	15.5	394	4.33	110	11.20	285	76.1	34.5	M6 Insert
LPF12-125	12	386.4	21.7	551	4.33	110	11.30	287	91.5	41.5	M6 Insert
LPF12-150	12	485.5	21.7	551	4.33	110	11.34	288	101.4	46.0	M6 w/FTA
LPF12-150A	12	476.7	21.7	551	4.33	110	11.30	287	102.4	46.4	M6 Insert
LPF12-150B	12	511.2	21.5	545	4.33	110	11.34	288	101.4	46.0	T13 (M6 Insert)
LPF12-150V	12	511.3	21.7	550	4.92	125	11.08	281.5	111.5	50.6	M6 w/FTA
LPF12-165	12	525.5	22.0	560	4.96	126	11.00	280	119.1	54.0	T13 (M6 Insert)
LPF12-190	12	614.6	22.0	560	4.96	126	12.59	320	132.4	60.0	M8 w/FTA



■ XP Series: High Rate AGM VRLA

Features & Benefits

- 92.8 to 810 WPC for 15 min to 1.67 VPC
- Virgin lead plates w/copper alloy terminal inserts (low resistance)
- Flame Retardant ABS jar & cover to UL94V-0 Standard.
- Strong gravity casted grids for long life
- Automated COS & TTP Welding for low resistance
- Designed for Critical High Rate UPS Applications - 7 to 10 yr design life
- 100% initial capacity
- UL Recognized, IEC60896-21 22 Certified, & IATA Approved for Air Freight



Mono-Block Battery Solutions
VRLA (Value Regulated Lead Acid) - AGM (Absorbed Glass Mat)

Specifications

Model Number	Nominal Voltage (V)	15 min WPC at 77°F	Length		Width		Height		Weight		Terminal
			in	mm	in	mm	in	mm	lbs	kg	
XP12-100FR	12	92.8	6.46	164	4.92	125	6.77	172	17.42	7.9	T12(M5 insert)
XP12-150FR	12	150.0	7.68	195	5.12	130	6.46	164	22.49	10.2	T6 (M6 insert)
XP12-210FR	12	225.1	9.02	229	5.43	138	7.87	200	38.15	17.3	T6(M6 insert)
XP12-300FR	12	324.6	10.24	260	6.61	168	8.19	208	52.92	24.0	T6(M6 insert)
XP12-350FR	12	370.3	12.05	306	6.61	168	8.19	208	61.74	28.0	T6(M6 insert)
XP12-400FR	12	405.7	12.81	325.5	6.69	170	8.39	213	69.24	31.4	T8(M6 insert)
XP12-490FR	12	490.9	13.19	335	6.77	172	10.83	275	92.61	42.0	T8(M6 insert)
XP12-540FR	12	539.0	13.19	335	6.77	172	10.83	275	93.49	42.4	T8(M6 insert)
XP12-740FR	12	740.0	20.55	522	9.45	240	8.58	218	140.02	63.5	T11(M8 insert)
XP12-810FR	12	810.0	20.55	522	10.55	268	8.66	220	159.86	72.5	T11(M8 insert)
XP6-620FR	6	681.0	12.7	322	7.01	178	9.09	231	64.0	29.0	T8(M6 insert)

■ LPX Series: AGM Batteries

Features & Benefits

- Small LPX from 20 to 99 WPC for 15 min to 1.67 VPC
- Large LPX from 120 to 783 WPC for 15 min to 1.67 VPC
- Virgin lead plates w/copper alloy terminal inserts (low resistance)
- Solid ABS jar & covers (UL94V-0 Flame Retardant available)
- Strong gravity casted grids for long life
- Designed for Critical High Rate UPS Applications -5 to 7 yr design life
- 100% initial capacity, and COS & TTP welding for low resistance
- UL Recognized, IEC60896-21 22 Certified, & IATA Approved for Air Frt.



Specifications

Model Number	Nominal Voltage (V)	15 min WPC at 77°F	Length		Width		Height		Weight		Terminal
			in	mm	in	mm	in	mm	lbs	kg	
LPX12-5.4	12	20.7	3.54	90.0	2.76	70	4.21	107.0	3.97	1.80	T1/T2(F2 tab)
LPX12-6.0	12	25.6	5.95	151.0	2.56	65	3.90	99.0	4.81	2.18	T1/T2(F2 tab)
LPX12-7.0	12	29.0	5.95	151.0	2.56	65	3.90	99.0	5.51	2.50	T1/T2(F2 tab)
LPX12-7.6	12	32.2	5.95	151.0	2.56	65	3.90	99.0	5.40	2.45	T1/T2(F2 tab)
LPX12-9.0	12	33.3	5.95	151.0	2.56	65	3.90	99.0	5.87	2.66	T1/T2(F2 tab)
LPX12-12	12	49.8	5.95	151.0	3.86	98	3.98	101.0	8.93	4.05	T1/T2(F2 tab)
LPX12-17	12	63.4	7.15	181.5	3.03	77	6.59	167.5	12.74	5.78	T12(M5 insert)
LPX12-18	12	67.4	7.15	181.5	3.03	77	6.59	167.5	13.20	6.00	T12(M5 insert)
LPX12-20	12	81.4	7.15	181.5	3.03	77	6.56	166.5	15.20	6.90	T12(M5 insert)
LPX12-24	12	99.8	6.54	166.0	6.89	175	4.92	125.0	18.96	8.60	T12(M5 insert)

LEOCH® Battery Sizing Program
www.LeochBatterySizer.com

Size Your Next High Rate UPS
Application with LEOCH® Batteries

■ Relay racks, Cabinets, & conventional Seismic racks

- Special Standard, Seismic, and NEBS Relay Racks
- Tiered racks to meet your requirements.
- Racks & Cabinets specially designed to fit in tight spaces, for the critical UPS industry



Spill Containment and Safety Equipment are always readily available

