

PEL CHARGER

Proven Technology. Built To Last.

Reliable ferroresonant charging for industrial fleets.

The PEL Charger is engineered to deliver safe, efficient, and dependable charging for industrial batteries. Designed, built, and tested in the USA, this ferroresonant charger provides a full 100% battery recharge in 10 hours or less. With built-in charge control, the PEL Charger continuously monitors the battery, ensuring a complete charge every cycle and keeping your fleet productive.



Key Benefits

- Failsafe Operation – Consistently delivers a safe, complete charge
- Low Maintenance – Simple, rugged design minimizes service needs
- Flexible Power – Available in all AC voltages, single or three-phase
- Smart Equalize Cycles – Automatic start/stop with 1, 5, 7, or 10 cycle equalization options
- Quick Setup – Easy access to A/C tap settings for fast changeover
- Certified & Reliable – Designed for AC input variance (+6%/-10%) and cUL listed with a 5-year warranty

Applications

- Conventional charging environments
- Single-shift and multi-shift operations
- Warehouses, distribution centers, and industrial fleets

Technical Features

- dv/dT Charge Termination – Finish rate regulated within 1% for consistent performance
- Programmable "Opportunity Pause" – Adjust charging cycles for operational flexibility
- Automatic Equalize – Extends battery life by balancing cells
- AC Input Versatility – Handles varying input power without interruption
- UL & cUL Listed – Tested and certified for safety and reliability



Specifications



Model	Cell (Volts)	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PEL12-250B1	12 (24)	1	40	6.8	5.9	2.9	95	500
PEL12-375B1	12 (24)	1	60	10.2	8.8	4.4	120	500
PEL12-500B1	12 (24)	1	80	13.6	11.8	5.9	125	500
PEL12-625B1	12 (24)	1	100	17.0	14.7	7.4	140	500
PEL12-750B1	12 (24)	1	120	20.4	17.6	8.8	140	500
PEL12-875B1	12 (24)	1	140	23.7	20.6	10.3	200	551
PEL12-975B1	12 (24)	1	156	26.5	22.9	11.5	220	551
PEL18-250B1	18 (36)	1	40	10.2	8.8	4.4	95	500
PEL18-375B1	18 (36)	1	60	15.3	13.2	6.6	120	500
PEL18-500B1	18 (36)	1	80	20.4	17.6	8.8	125	500
PEL18-625B1	18 (36)	1	100	25.4	22.1	11.0	200	551
PEL18-750B1	18 (36)	1	120	30.5	26.5	13.2	220	551
PEL18-875B1	18 (36)	1	140	35.6	30.9	15.4	235	551
PEL18-975B1	18 (36)	1	156	39.7	34.4	17.2	265	551
PEL24-250B1	24 (48)	1	40	13.6	11.8	5.9	120	551
PEL24-375B1	24 (48)	1	60	20.4	17.6	8.8	195	551
PEL24-500B1	24 (48)	1	80	27.1	23.5	11.8	225	551
PEL24-625B1	24 (48)	1	100	33.9	29.4	14.7	240	551
PEL24-750B1	24 (48)	1	120	40.7	35.3	17.6	265	551
PEL24-875B1	24 (48)	1	140	47.5	41.2	20.6	284	551
PEL24-975B1	24 (48)	1	156	-	45.9	22.9	284	551
PEL40-250B1	40 (80)	1	40	22.6	19.6	9.8	225	551
PEL40-375B1	40 (80)	1	60	33.9	29.4	14.7	240	551
PEL40-500B1	40 (80)	1	80	45.2	39.2	19.6	265	551
PEL40-625B1	40 (80)	1	100	-	-	24.5	284	551
PEL40-750B1	40 (80)	1	120	-	-	29.4	375	551
PEL12-250B3	12 (24)	3	40	3.9	3.4	1.7	180	551
PEL12-375B3	12 (24)	3	60	5.9	5.1	2.5	190	551
PEL12-500B3	12 (24)	3	80	7.8	6.8	3.4	200	551
PEL12-625B3	12 (24)	3	100	9.8	8.5	4.2	210	551
PEL12-750B3	12 (24)	3	120	11.8	10.2	5.1	225	551
PEL12-875B3	12 (24)	3	140	13.7	11.9	5.9	250	551
PEL12-1000B3	12 (24)	3	160	15.7	13.6	6.8	245	551
PEL12-1125B3	12 (24)	3	180	17.6	15.3	7.6	320	551
PEL12-1250B3	12 (24)	3	200	19.6	17.0	8.5	335	551
PEL18-250B3	18 (36)	3	40	5.9	5.1	2.5	200	551
PEL18-375B3	18 (36)	3	60	8.8	7.6	3.8	210	551
PEL18-500B3	18 (36)	3	80	11.8	10.2	5.1	220	551
PEL18-625B3	18 (36)	3	100	14.7	12.7	6.4	250	551
PEL18-750B3	18 (36)	3	120	17.6	15.3	7.6	260	551
PEL18-875B3	18 (36)	3	140	20.6	17.8	8.9	260	551
PEL18-1000B3	18 (36)	3	160	23.5	20.4	10.2	290	551
PEL18-1125B3	18 (36)	3	180	26.5	22.9	11.5	320	551
PEL18-1250B3	18 (36)	3	200	29.4	25.5	12.7	335	551
PEL24-250B3	24 (48)	3	40	7.8	6.8	3.4	200	551
PEL24-375B3	24 (48)	3	60	11.8	10.2	5.1	220	551
PEL24-500B3	24 (48)	3	80	15.7	13.6	6.8	235	551
PEL24-625B3	24 (48)	3	100	19.6	17.0	8.5	250	551
PEL24-750B3	24 (48)	3	120	23.5	20.4	10.2	290	551
PEL24-875B3	24 (48)	3	140	27.5	23.8	11.9	320	551
PEL24-1000B3	24 (48)	3	160	31.4	27.2	13.6	320	551
PEL24-1125B3	24 (48)	3	180	35.3	30.6	15.3	320	551
PEL24-1250B3	24 (48)	3	200	39.2	34.0	17.0	515	552
PEL40-250B3	40 (80)	3	40	13.1	11.3	5.7	290	551
PEL40-375B3	40 (80)	3	60	19.6	17.0	8.5	305	551
PEL40-500B3	40 (80)	3	80	26.1	22.7	11.3	320	551
PEL40-625B3	40 (80)	3	100	32.7	28.3	14.2	420	551
PEL40-750B3	40 (80)	3	120	39.2	34.0	17.0	450	552
PEL40-875B3	40 (80)	3	140	45.8	39.7	19.8	500	552
PEL40-1000B3	40 (80)	3	160	-	45.3	22.7	560	552
PEL40-1125B3	40 (80)	3	180	-	-	25.5	600	552
PEL40-1250B3	40 (80)	3	200	-	-	28.3	630	552

The PEL Charger combines proven ferroresonant technology with rugged American construction to deliver unmatched reliability and safety. Backed by Briggs Power Solutions and Briggs Equipment, it's a cost-effective charging solution designed to keep your fleet moving.