

P WERSIDE[®]

All our energy, in your power

Standard Low Voltage Capacitor Banks and Harmonic Filters



Product List

FAST  **HIP**

powerside.com

PowerCap Capacitor and Filter Banks

PowerCap is Powerside's comprehensive range of high-quality, fixed, and automatic low voltage capacitor and filter banks. Made for load-side compensation for nominal voltages ranging from 480V to 600V. Compactly designed for limited space availability; they are available as a floor or an easy to install wall-mounted enclosure. Offering short lead times and competitive pricing, they're a fast and flexible solution to save money as they immediately reduce power factor penalties and improve productivity.

480V

kvar	PowerCap PFC		PowerCap Harmonic		PowerCap Filter		Steps	PowerCap Auto	
	Base	Fuses & Lights	Base	Fuses & Lights	Base	BFLI		Fuses	Fuses & Lights
5	PS4D5A	PS5D5AFL	PS5D5A	PS4D5AFL	--	--	--	--	--
10	PS4D10A	PS5D10AFL	PS5D10A	PS4D10AFL	--	--	--	--	--
15	PS4D15A	PS5D15AFL	PS5D15A	PS4D15AFL	--	--	--	--	--
20	PS4D20A	PS5D20AFL	PS5D20A	PS4D20AFL	--	--	--	--	--
25	PS4D25A	PS5D25AFL	PS5D25A	PS4D25AFL	PF5R025P-3R	PF5R025PL-3R	--	--	--
30	PS4D30B	PS5D30BFL	PS5D30B	PS4D30BFL	--	--	--	--	--
35	PS4D35B	PS5D35BFL	PS5D35B	PS4D35BFL	--	--	--	--	--
40	PS4D40B	PS5D40BFL	PS5D40B	PS4D40BFL	PF5R040P-3R	PF5R040PL-3R	--	--	--
45	PS4D45B	PS5D45BFL	PS5D45B	PS4D45BFL	--	--	--	--	--
50	PS4D50B	PS5D50BFL	PS5D50B	PS4D50BFL	PF5R050P-3R	PF5R050PL-3R	--	--	--
55	PS4D55D	PS5D55DFL	PS5D55D	PS4D55DFL	--	--	--	--	--
60	PS4D60D	PS5D60DFL	PS5D60D	PS4D60DFL	PF5R060P-3R	PF5R060PL-3R	--	--	--
65	PS4D65D	PS5D65DFL	PS5D65D	PS4D65DFL	--	--	--	--	--
70	PS4D70D	PS5D70DFL	PS5D70D	PS4D70DFL	--	--	--	--	--
75	PS4D75D	PS5D75DFL	PS5D75D	PS4D75DFL	--	--	--	--	--
80	PS4D80D	PS5D80DFL	PS5D80D	PS4D80DFL	PF5R080P-3R	PF5R080PL-3R	--	--	--
85	PS4D85D	PS5D85DFL	PS5D85D	PS4D85DFL	--	--	--	--	--
90	PS4D90D	PS5D90DFL	PS5D90D	PS4D90DFL	--	--	--	--	--
100	PS4D100D	PS5D100DFL	PS5D100D	PS4D100DFL	PF5R100P-3R	PF5R100PL-3R	2x25 + 50	PA4D100WF	PA4D100WFL
110	--	--	--	--	PF5R110Q-3R	PF5R110QL-3R	--	--	--
120	PS4D120E	PS5D120EFL	PS5D120E	PS4D120EFL	PF5R120Q-3R	PF5R120QL-3R	--	--	--
125	PS4D125E	PS5D125EFL	PS5D125E	PS4D125EFL	--	--	25 + 2x50	PA4D125WF	PA4D125WFL
140	PS4D140E	PS5D140EFL	PS5D140E	PS4D140EFL	--	--	--	--	--
150	PS4D150E	PS5D150EFL	PS5D150E	PS4D150EFL	PF5R150Q-3R	PF5R150QL-3R	2x25 + 2x50	PA4D150WF	PA4D150WFL
160	--	--	--	PS4R160SFL-3R	--	--	--	--	--
175	--	--	--	PS4R175SFL-3R	--	--	25 + 50 + 100	PA4D175WF	PA4D175WFL
180	--	--	--	PS4R180SFL-3R	PF5R180Q-3R	PF5R180QL-3R	--	--	--
200	--	--	--	PS4R200SFL-3R	PF5R200Q-3R	PF5R200QL-3R	2x50 + 100	PA4D200WF	PA4D200WFL
225	--	--	--	PS4R225TFL-3R	--	--	25 + 2x50 + 100	PA4D225WF	PA4D225WFL
250	--	--	--	PS4R250TFL-3R	--	--	50 + 2x100	PA4D250WF	PA4D250WFL
275	--	--	--	--	--	--	25 + 50 + 2x100	PA4D275WF	PA4D275WFL
300	--	--	--	PS4R300TFL-3R	--	--	2x50 + 2x100	PA4D300WF	PA4D300WFL

Option Description (as per table)

- **Fuses:** F
- **Fuses and Lights:** FL
- **Blown Fuse Lights:** L

Additional Option

- **NEMA 3R:** Add -3R to part number
(Standard feature of PowerCap Harmonic 160 - 300kvar and PowerCap Filter).



As part of our Fast Ship program, Powerside's Standard PowerCap PFC and Harmonic banks are shipped within 2 weeks of receiving your order. Our Standard PowerCap Filter and Auto banks are shipped within 3 to 4 weeks of receiving your order. 208/240V configuration available upon request. These configurations are not part of the Fast Ship program. Harmonic cells is a standard feature of the Powercap Harmonic and Filter models.

PowerCap Capacitor and Filter Banks

PowerCap is Powerside’s comprehensive range of high-quality, fixed, and automatic low voltage capacitor and filter banks. Made for load-side compensation for nominal voltages ranging from 480V to 600V. Compactly designed for limited space availability; they are available as a floor or an easy to install wall-mounted enclosure. Offering short lead times and competitive pricing, they’re a fast and flexible solution to save money as they immediately reduce power factor penalties and improve productivity.

600V

kvar	PowerCap PFC		PowerCap Harmonic		PowerCap Filter		Steps	PowerCap Auto	
	Base	Fuses & Lights	Base	Fuses & Lights	Base	BFLI		Fuses	Fuses & Lights
5	PS6D5A	PS6D5AFL	PS7D5A	PS7D5AFL	--	--	--	--	--
10	PS6D10A	PS6D10AFL	PS7D10A	PS7D10AFL	--	--	--	--	--
15	PS6D15A	PS6D15AFL	PS7D15A	PS7D15AFL	--	--	--	--	--
20	PS6D20A	PS6D20AFL	PS7D20A	PS7D20AFL	--	--	--	--	--
25	PS6D25A	PS6D25AFL	PS7D25A	PS7D25AFL	PF7R025P-3R	PF7R025PL-3R	--	--	--
30	PS6D30B	PS6D30BFL	PS7D30B	PS7D30BFL	--	--	--	--	--
35	PS6D35B	PS6D35BFL	PS7D35B	PS7D35BFL	--	--	--	--	--
40	PS6D40B	PS6D40BFL	PS7D40B	PS7D40BFL	PF7R040P-3R	PF7R040PL-3R	--	--	--
45	PS6D45B	PS6D45BFL	PS7D45B	PS7D45BFL	--	--	--	--	--
50	PS6D50B	PS6D50BFL	PS7D50B	PS7D50BFL	PF7R050P-3R	PF7R050PL-3R	--	--	--
55	PS6D55D	PS6D55DFL	PS7D55D	PS7D55DFL	--	--	--	--	--
60	PS6D60D	PS6D60DFL	PS7D60D	PS7D60DFL	PF7R060P-3R	PF7R060PL-3R	--	--	--
65	PS6D65D	PS6D65DFL	PS7D65D	PS7D65DFL	--	--	--	--	--
70	PS6D70D	PS6D70DFL	PS7D70D	PS7D70DFL	--	--	--	--	--
75	PS6D75D	PS6D75DFL	PS7D75D	PS7D75DFL	--	--	--	--	--
80	PS6D80D	PS6D80DFL	PS7D80D	PS7D80DFL	PF7R080P-3R	PF7R080PL-3R	--	--	--
85	PS6D85D	PS6D85DFL	PS7D85D	PS7D85DFL	--	--	--	--	--
90	PS6D90D	PS6D90DFL	PS7D90D	PS7D90DFL	--	--	--	--	--
100	PS6D100D	PS6D100DFL	PS7D100D	PS7D100DFL	PF7R100P-3R	PF7R100PL-3R	2x25 + 50	PA6D100WF	PA6D100WFL
110	--	--	--	--	PF7R110Q-3R	PF7R110QL-3R	--	--	--
120	PS6D120E	PS6D120EFL	PS7D120E	PS7D120EFL	PF7R120Q-3R	PF7R120QL-3R	--	--	--
125	PS6D125E	PS6D125EFL	PS7D125E	PS7D125EFL	--	--	25 + 2x50	PA6D125WF	PA6D125WFL
140	PS6D140E	PS6D140EFL	PS7D140E	PS7D140EFL	--	--	--	--	--
150	PS6D150E	PS6D150EFL	PS7D150E	PS7D150EFL	PF7R150Q-3R	PF7R150QL-3R	2x25 + 2x50	PA6D150WF	PA6D150WFL
160	--	--	--	PS6R175SFL-3R	--	--	25 + 50 + 100	PA6D175WF	PA6D175WFL
175	--	--	--	PS6R180SFL-3R	PF7R180Q-3R	PF7R180QL-3R	--	--	--
180	--	--	--	PS6R200SFL-3R	PF7R200Q-3R	PF7R200QL-3R	2x50 + 100	PA6D200WF	PA6D200WFL
200	--	--	--	PS6R225TFL-3R	--	--	25 + 2x50 + 100	PA6D225WF	PA6D225WFL
225	--	--	--	PS6R250TFL-3R	--	--	50 + 2x100	PA6D250WF	PA6D250WFL
250	--	--	--	--	--	--	25 + 50 + 2x100	PA6D275WF	PA6D275WFL
275	--	--	--	PS6R300TFL-3R	--	--	2x50 + 2x100	PA6D300WF	PA6D300WFL
300	--	--	--	PS4R300TFL-3R	--	--	2x50 + 2x100	PA4D300WF	PA4D300WFL

Option Description (as per table)

- **Fuses:** F
- **Fuses and Lights:** FL
- **Blown Fuse Lights:** L

Additional Option

- **NEMA 3R:** Add -3R to part number
(Standard feature of PowerCap Harmonic 160 - 300Kvar and PowerCap Filter).



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PowerVar Low Voltage Automatic Banks

PowerVar are industrial-grade automatic low-voltage capacitor and harmonic filter banks. They are part of Powerside quick-ship product solutions. They automatically connect the proper level of reactive compensation and harmonic filtering to maintain power networks at optimum operating conditions. Installed in manufacturing, commercial and institutional environments. They're made for central compensation loads and nominal voltages at 480V to 600V.

480V

kvar	Stages	PowerVar PFC	PowerVar Harmonic	PowerVar Filter
		Non-Filtered		Filtered
75	25 + 25 + 25	PACR00754.3/OB01-B-0	PACR00755.3/OB01-B-0	PALR00755.3/OB01-B-0
100	25 + 25 + 50	PACR01004.3/OB01-B-0	PACR01005.3/OB01-B-0	PALR01005.3/OB01-B-0
125	25 + 50 + 50	PACR01254.3/OB01-B-0	PACR01255.3/OB01-B-0	PALR01255.3/OB01-B-0
150	50 + 50 + 50	PACR01504.3/OB01-B-0	PACR01505.3/OB01-B-0	PALR01505.3/OB01-B-0
200	4x50	PACR02004.4/OB01-B-0	PACR02005.4/OB01-B-0	PALR02005.4/OB01-G-0
250	5x50	PACR02504.5/OB01-B-0	PACR02505.5/OB01-B-0	PALR02505.5/OB01-G-0
300	6x50	PACR03004.6/OB01-B-0	PACR03005.6/OB01-B-0	PALR03005.6/OB01-G-0
350	1x50 + 3x100	PACR03504.4/OB01-C-0	PACR04005.4/OB01-C-0	PALR03505.4/OB01-C-0
400	2x50 + 3x100	PACR04004.5/OB01-C-0	PACR04005.5/OB01-C-0	PALR04005.5/OB01-G-0
450	1x50 + 4x100	PACR04504.5/OB01-C-0	PACR04505.5/OB01-C-0	PALR04505.5/OB01-C-0
500	2x50 + 4x100	PACR05004.6/OB01-C-0	PACR05005.6/OB01-C-0	PALR05005.6/OB01-G-0
600	6x100	PACR06004.6/OB01-C-0	PACR06005.6/OB01-C-0	PALR06005.6/OB01-C-0
700	7x100	PACR07004.7/OB01-D-0	PACR07005.7/OB01-D-0	PALR07005.7/OB01-I-0
800	8x100	PACR08004.8/OB01-D-0	PACR08005.8/OB01-D-0	PALR08005.8/OB01-I-0
900	9x100	PACR09004.9/OB01-E-0	PACR09005.9/OB01-E-0	PALR09005.9/OB01-J-0
1000	10x100	PACR10004.A/OB01-E-0	PACR10005.A/OB01-E-0	PALR10005.A/OB01-J-0
1100	11x100	PACR11004.B/OB01-F-0	PACR11005.B/OB01-F-0	PALR11005.B/OB01-K-0
1200	12x100	PACR12004.C/OB01-F-0	PACR12005.C/OB01-F-0	PALR12005.C/OB01-K-0

Options

- **Additional Stage Readiness (Future Stage):** To add a future stage, change 0 to 1.
Example: PACR10006.A/1B01-E-0
- **Main Breaker:** Change B to Q (May affect the size of the enclosure).
Example: PACR03004.6/OQ01-B-0
- **NEMA 3R:** Change 01 to 3R.
Example: PACR03004.6/OB3R-B-0
- **Blown Fuse Indicator (BFI):** Change 0 to B.
Example: PACR03004.6/OB01-B-B

Bank Type	System Type	Capacitor Type	Kvar Rating	Network Voltage	Number of Steps	Future Stage	Main Breaker	NEMA 3R	Enclosure	BFI
PA	C	R	75	4	3/				B-	



FAST SHIP

As part of our Fast Ship program, Powerside's Standard PowerVar banks up to 600 kvar are shipped within 3 to 4 weeks of receiving your order. 208/240V configuration available upon request. These configurations are not part of the Fast Ship program. Harmonic cells is a standard feature of the PowerVar Harmonic model.

PowerVar Low Voltage Automatic Banks

PowerVar are industrial-grade automatic low-voltage capacitor and harmonic filter banks. They are part of Powerside quick-ship product solutions. They automatically connect the proper level of reactive compensation and harmonic filtering to maintain power networks at optimum operating conditions. Installed in manufacturing, commercial and institutional environments. They're made for central compensation loads and nominal voltages at 480V to 600V.

600V

kvar	Stages	PowerVar PFC	PowerVar Harmonic	PowerVar Filter
		Non-Filtered		Filtered
75	25 + 25 + 25	PACR00756.3/OB01-B-0	PACR00757.3/OB01-B-0	PALR00757.3/OB01-B-0
100	25 + 25 + 50	PACR01006.3/OB01-B-0	PACR01007.3/OB01-B-0	PALR01007.3/OB01-B-0
125	25 + 50 + 50	PACR01256.3/OB01-B-0	PACR01257.3/OB01-B-0	PALR01257.3/OB01-B-0
150	50 + 50 + 50	PACR01506.3/OB01-B-0	PACR01507.3/OB01-B-0	PALR01507.3/OB01-B-0
200	4x50	PACR02006.4/OB01-B-0	PACR02007.4/OB01-B-0	PALR02007.4/OB01-G-0
250	5x50	PACR02506.5/OB01-B-0	PACR02507.5/OB01-B-0	PALR02507.5/OB01-G-0
300	6x50	PACR03006.6/OB01-B-0	PACR03007.6/OB01-B-0	PALR03007.6/OB01-G-0
350	1x50 + 3x100	PACR03506.4/OB01-B-0	PACR03506.4/OB01-B-0	PALR03507.4/OB01-C-0
400	2x50 + 3x100	PACR04006.5/OB01-C-0	PACR04007.5/OB01-C-0	PALR04007.5/OB01-G-0
450	1x50 + 4x100	PACR04506.5/OB01-C-0	PACR04507.5/OB01-C-0	PALR04507.5/OB01-C-0
500	2x50 + 4x100	PACR05006.6/OB01-C-0	PACR05007.6/OB01-C-0	PALR05007.6/OB01-C-0
600	6x100	PACR06006.6/OB01-C-0	PACR06007.6/OB01-C-0	PALR06007.6/OB01-C-0
700	7x100	PACR07006.7/OB01-D-0	PACR07007.7/OB01-D-0	PALR07007.7/OB01-I-0
800	8x100	PACR08006.8/OB01-D-0	PACR08007.8/OB01-D-0	PALR08007.8/OB01-I-0
900	9x100	PACR09006.9/OB01-E-0	PACR09007.9/OB01-E-0	PALR09007.9/OB01-J-0
1000	10x100	PACR10006.A/OB01-E-0	PACR10007.A/OB01-E-0	PALR10007.A/OB01-J-0
1100	11x100	PACR11006.B/OB01-F-0	PACR11007.B/OB01-F-0	PALR11007.B/OB01-K-0
1200	12x100	PACR12006.C/OB01-F-0	PACR12007.C/OB01-F-0	PALR12007.C/OB01-K-0

Options

- **Additional Stage Readiness (Future Stage):** To add a future stage, change 0 to 1.
Example: PACR10006.A/1B01-E-0
- **Main Breaker:** Change B to Q (May affect the size of the enclosure).
Example: PACR03004.6/OQ01-B-0
- **NEMA 3R:** Change 01 to 3R.
Example: PACR03004.6/OB3R-B-0
- **Blown Fuse Indicator (BFI):** Change 0 to B.
Example: PACR03004.6/OB01-B-B

Bank Type	System Type	Capacitor Type	Kvar Rating	Network Voltage	Number of Steps	Future Stage	Main Breaker	NEMA 3R	Enclosure	BFI
PA	C	R	75	4	3/				B-	



FAST SHIP

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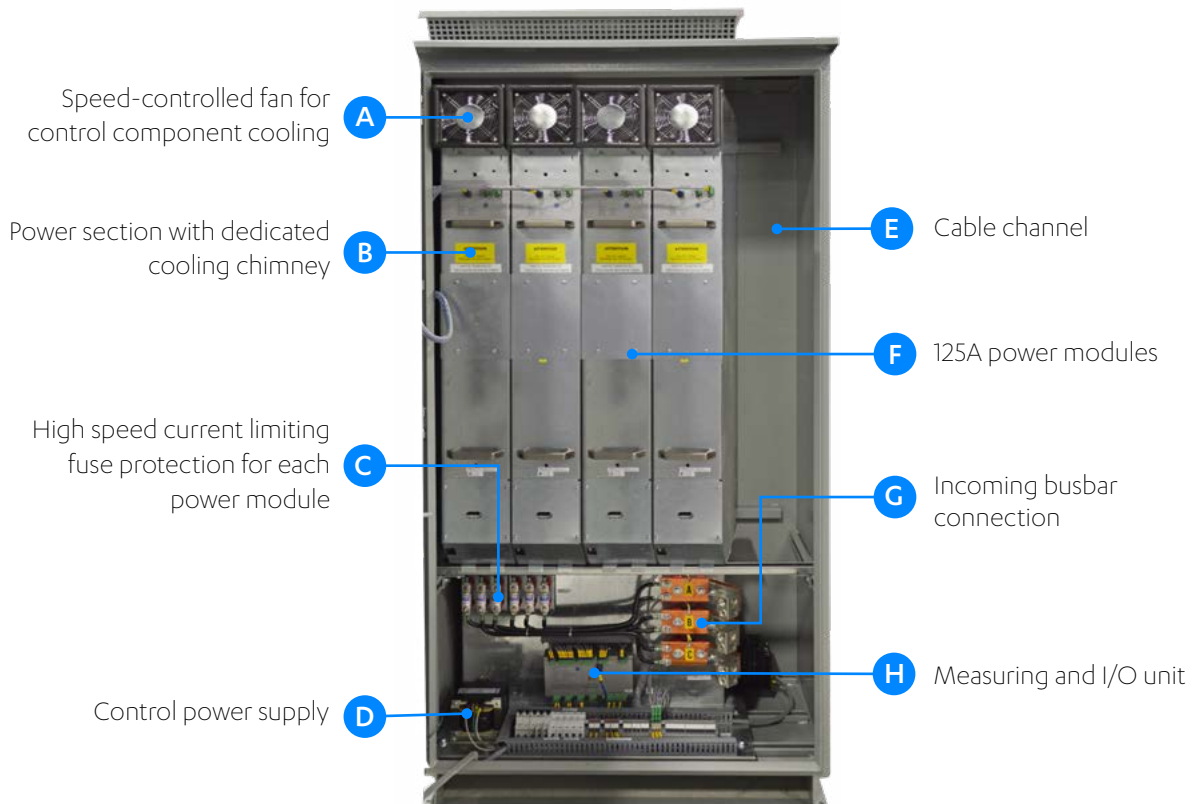
PowerAct Low Voltage Harmonic Filters

Powerside’s PowerAct active harmonic filters are modular systems with smart controllers that provide a fast return on investment. The quick and effective response of the filters to power system variations enables higher process reliability, longer equipment life, reduced energy costs, and dependable productivity. They dramatically improve power quality by mitigating harmonics, stabilizing voltage, balancing phase loads, and compensating for poor power factor. They are a core building block of our smart grid product solutions. They make it easy to comply with power quality standards and demanding grid codes.

480V			600V	
Amps	PowerAct Modular System	PowerAct Wallmount	PowerAct Modular System	PowerAct Wallmount
125	PSAF0125.5-01	PWAF0125.5-3R	PSAF0125.7-01	PWAF0125.7-3R
250	PSAF0250.5-01	--	PSAF0250.7-01	--
375	PSAF0375.5-01	--	PSAF0375.7-01	--
500	PSAF0500.5-01	--	PSAF0500.7-01	--
625	PSAF0625.5-01	--	PSAF0625.7-01	--
750	PSAF0750.5-01	PSAF0750.5-3R	PSAF0750.7-01	--

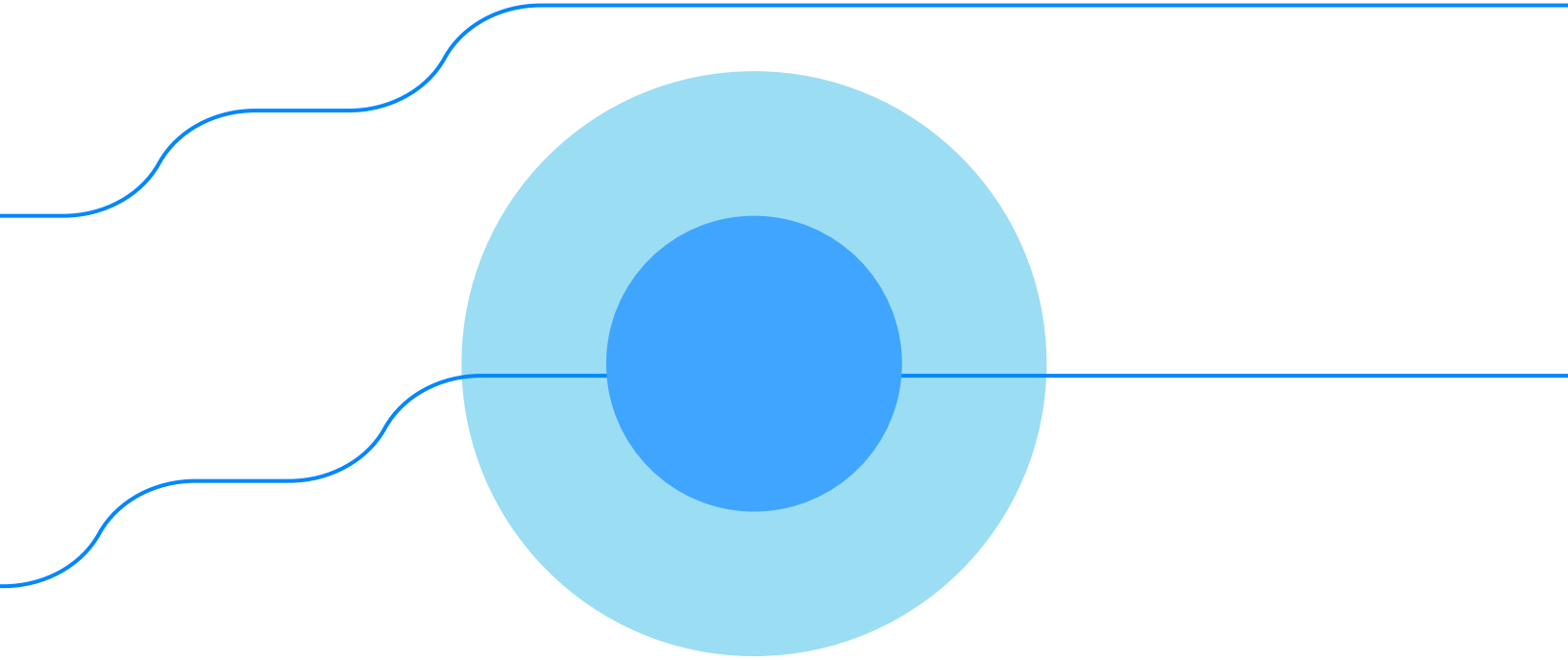
Options

- **NEMA 3R:** Change 01 to 3R. Example: PSAF0125.5-3R
- **Expansion:** Add E to part number (Available only on 125A Wallmount model).



FAST SHIP

As part of our Fast Ship program, Powerside’s Standard PowerAct Active Harmonic Filters are shipped within 3 to 4 weeks of receiving your order. 208/240V configuration available upon request. These configurations are not part of the Fast Ship program.



POWERSIDE®

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