

**Facility Planning Data Sheet
POWERVAR GPI Series 3
Three Phase Power Conditioners**

Model	kVA	VAC	External Input		Height	Physical		Weight
			Overcurrent Protection	Min. Input AWG		Width	Depth	
North American								
ABC10.0XD2Y	10	208	30 amps	10 AWG	25.5 inches	17 inches	25 inches	350 pounds
ABC10.0XD2Y	10	480	15 amps	10 AWG	25.5 inches	17 inches	25 inches	350 pounds
ABC10.0XD2Y	10	600	15 amps	10 AWG	25.5 inches	17 inches	25 inches	350 pounds
ABC15.0XD2Y	15	208	50 amps	6 AWG	25.5 inches	17 inches	25 inches	390 pounds
ABC15.0XD2Y	15	480	20 amps	10 AWG	25.5 inches	17 inches	25 inches	390 pounds
ABC15.0XD2Y	15	600	20 amps	10 AWG	25.5 inches	17 inches	25 inches	390 pounds
ABC20.0XD2Y	20	208	60 amps	6 AWG	25.5 inches	17 inches	25 inches	450 pounds
ABC20.0XD2Y	20	480	30 amps	10 AWG	25.5 inches	17 inches	25 inches	450 pounds
ABC20.0XD2Y	20	600	30 amps	10 AWG	25.5 inches	17 inches	25 inches	450 pounds
ABC30.0XD2Y	30	208	100 amps	4 AWG	33.0 inches	21.0 inches	33.0 inches	550 pounds
ABC30.0XD2Y	30	480	40 amps	6 AWG	33.0 inches	21.0 inches	33.0 inches	550 pounds
ABC30.0XD2Y	30	600	30 amps	10 AWG	33.0 inches	21.0 inches	33.0 inches	550 pounds
ABC45.0XD2Y	45	208	130 amps	1 AWG	33.0 inches	21.0 inches	33.0 inches	750 pounds
ABC45.0XD2Y	45	480	60 amps	6 AWG	33.0 inches	21.0 inches	33.0 inches	750 pounds
ABC45.0XD2Y	45	600	50 amps	6 AWG	33.0 inches	21.0 inches	33.0 inches	750 pounds
International								
ABC10.0XDXY	10	200	30 amps	10 AWG	648 mm.	432 mm.	635 mm.	186 kg.
ABC10.0XDXY	10	230	30 amps	10 AWG	648 mm.	432 mm.	635 mm.	186 kg.
ABC10.0XDXY	10	400	20 amps	10 AWG	648 mm.	432 mm.	635 mm.	186 kg.
ABC10.0XDXY	10	460	15 amps	10 AWG	648 mm.	432 mm.	635 mm.	186 kg.
ABC15.0XDXY	15	200	50 amps	6 AWG	648 mm.	432 mm.	635 mm.	195 kg.
ABC15.0XDXY	15	230	50 amps	6 AWG	648 mm.	432 mm.	635 mm.	195 kg.
ABC15.0XDXY	15	400	25 amps	10 AWG	648 mm.	432 mm.	635 mm.	195 kg.
ABC15.0XDXY	15	460	20 amps	10 AWG	648 mm.	432 mm.	635 mm.	195 kg.
ABC20.0XDXY	20	200	80 amps	4 AWG	648 mm.	432 mm.	635 mm.	236 kg.
ABC20.0XDXY	20	230	60 amps	6 AWG	648 mm.	432 mm.	635 mm.	236 kg.
ABC20.0XDXY	20	400	30 amps	10 AWG	648 mm.	432 mm.	635 mm.	236 kg.
ABC20.0XDXY	20	460	30 amps	10 AWG	648 mm.	432 mm.	635 mm.	236 kg.
ABC30.0XDXY	30	200	100 amps	4 AWG	838 mm.	533 mm.	838 mm.	286 kg.
ABC30.0XDXY	30	230	100 amps	4 AWG	838 mm.	533 mm.	838 mm.	286 kg.
ABC30.0XDXY	30	400	50 amps	6 AWG	838 mm.	533 mm.	838 mm.	286 kg.
ABC30.0XDXY	30	460	40 amps	6 AWG	838 mm.	533 mm.	838 mm.	286 kg.
ABC45.0XDXY	45	200	150 amps	1 AWG	838 mm.	533 mm.	838 mm.	395 kg.
ABC45.0XDXY	45	230	150 amps	1 AWG	838 mm.	533 mm.	838 mm.	395 kg.
ABC45.0XDXY	45	400	70 amps	4 AWG	838 mm.	533 mm.	838 mm.	395 kg.
ABC45.0XDXY	45	460	60 amps	6 AWG	838 mm.	533 mm.	838 mm.	395 kg.

Notes:

1. Models with suffix XD2Y are delta input and wye output. Output voltage is fixed at 208/120, 60 Hz. Output configuration is three phase, 4 wire plus ground.
2. Models with suffix XDXY are delta input and wye output. Output voltage can be ordered as 208/120, 380/220, or 400/230. Output configuration is three phase, 4 wire plus ground. XDXY models are 50/60 Hz.
3. On all models, input wiring is three phase, 3 wire plus ground. Input neutral conductor is unnecessary.
4. Input and output cabling must be run in separate conduit. Remote EPO wiring (if used) may not be run in conduit with input or output power wiring.
5. Input AWG shown is minimum size permitted. Wire size may be larger.
6. When powering non-linear loads, the output neutral should be two times the size of the phase conductor.
7. All wiring must comply with national and local electrical codes.



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