



# POLYPHAZ rotary phase converters

Effective 1/1/2018, C-Tick approved N10944, SIRM lab approved

**MADE IN AUSTRALIA** since 1992, Dowerin Field day winner 1993

[www.polyphaz.com](http://www.polyphaz.com)

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Model (3)	8 stage <b>VolITrak</b> system +/- 5% (1) Multi motor & electronic loads	16 stage <b>VolITrak</b> system +/- 5% (1) Multi motor & electronic loads	2 stage Soft start	Max Single Start & Run Load <3xFLC (Load Start)	Max Single Start Load >3xFLC (Hard start)	Supply Fuse 240/480 1 phase 50hz.	<b>FaultTrak</b> Text (2) Display & user interface cabinet.	<b>FaultTrakX(4)</b> Text (2) Display & user Interface cabinet & door panel	High spec Long life Power (6) capacitors	Weight kgs. Cabinet+ drive	Lightning/ overvolt protection. Generator protection class supply breaker.	Input Supply Volt Monit oring.	<b>SiteNet</b> ready. via ethernet port	16-point protection Software. <b>High EFF Floating star™ rotary.</b>	Enclosure H x W x D (mm)
<b>EPZ2.2</b>				2.2	1.5	10/10				40+36					600x400x210
<b>EPZ4.0</b>				4.0	2.2	20/10				45+39					600x400x210
<b>EPZ5.5</b>				5.5	4.0	30/15				50+72					600x400x210
<b>PZ7.5</b>	✓		✓	7.5	5.5	40/20				40+84					700x500x300
<b>PZ11</b>	✓		✓	11.0	7.5	60/30				55+130					700x500x300
<b>PZ15</b>	✓		✓	15.0	11	xx/40				60+145					760x760x300
<b>PZ18.5</b>	✓		✓	18.5	15	xx/50				65+180					760x760x300
<b>R7.5</b>		✓	✓	7.5	5.5	40/20	✓		✓	45+84			✓	✓	700x500x300
<b>R11</b>		✓	✓	11.0	7.5	60/30	✓		✓	64+130			✓	✓	700x500x300
<b>R15</b>		✓	✓	15	11	xx/40	✓		✓	65+145			✓	✓	700x500x300
<b>R18.5</b>		✓	✓	18.5	15	xx/50	✓		✓	70+180			✓	✓	760x760x300
<b>HR18.5</b>		✓	✓	18.5	15	xx/63		✓	✓	75+180	✓	✓	✓	✓	1000x800x300
<b>HR22</b>		✓	✓	22	18	xx/80		✓	✓	75+200	✓	✓	✓	✓	1000x800x300
<b>HR37</b>		✓	✓	37	22	xx/100		✓	✓	78+284	✓	✓	✓	✓	1200x800x300
<b>HR45</b>		✓	✓	45	37	xx/125		✓	✓	85+320	✓	✓	✓	✓	1200x800x300
<b>HR75 (5)</b>		✓	✓	75	45	xx/190		✓	✓	95+568	✓	✓	✓	✓	1200x1000x400

**Notes:** (1) 415 3PH output 50hz based on 240 or 480 VAC 50hz input. All models have thermal overload protection & output contactors, & comply with AS3000.

(2) program parameters can be field modified to suit site conditions, alternative application programs possible.

(3) all models are field serviceable. no proprietary integrated controllers used - as specified by major O.E.Ms and power utilities.

(4) **FaultTrakX**, door mounted SIEMENS machine operator panel, required when in public areas or untrained operators for better fault display & parameter modifications.

(5) dual rotary's, 24 stage VolITrak system

(6) long life, high spec high voltage rated power capacitors for long term trouble free operation under adverse conditions.