

50HP “Smart-Boost™” Rotary Phase Converter



Features

- Smart-Boost™ Digital Controller
- 600% Motor Starting Boost Current
- Complete Phase Power Failure Protection
- Built-in Motor Starter
- Easy Installation
- Power Factor Corrected
- Custom made Phase Converter Generators by Baldor USA
- Low Impedance/High Efficiency Design
- MADE IN USA



Model	
Brand	NAPCES
Line	Smart-Boost™
Model #	SB-50
General Specifications	
Horse Power (HP)	50
Kilo-watt (kW)	37.3
Frequency (Hz)	60
Generator Type	ODP
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	324
Single Phase Electrical Specifications	
Voltage Input	220 - 250
Minimum Fuse Size	125
Minimum Circuit Breaker Size	125
Maximum Fuse Size	250
Maximum Circuit Breaker Size	250
Minimum Wire Input	300 MCM
Idle Amperage	15.44
Three Phase Electrical Specifications	
Voltage Output	220 - 250, based on input
Output Amperage	130
Voltage Balance	5-10%
Minimum Wire to Generator	2/0 AWG
Minimum Wire to Load	2/0 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	24" X 18" X 8"
Idler (Approx.) Length X Dia.	21.5" X 13.25"
Approx. Total Shipping Weight	387 lbs. (ODP)

The PL-50 Pro-Line Phase Converter is best sized for:

Easy / Light Motor Loads - up to 50HP

Examples of Easy Loads: Sliding Table Saw, Panel Saw, Buffer

Medium Motor Loads - up to 50HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

Hard Motors Loads - up to 30HP

Examples of Hard Loads: Gearhead Lathe, Ironworker, Shear

Very Hard Motor Load - up to 25HP

Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump

CNC, Resistive and Inductive Loads - up to 76 Amps @ 240 Volts