



PowerBridge 200

3 Phase Power for Self-Erecting Cranes



Replace your diesel generator with a Power Bridge 200

- ◆ Virtually Maintenance Free
- ◆ Environmentally friendly and quiet
- ◆ Significantly lowers Cost of Ownership

The Powerbridge 200 is designed to provide reliable 3 phase power for mobile, self erecting cranes.



Benefits

The benefits of using a PowerBridge 200 in place of your existing generator system are extensive; not only are they smaller and quieter, they are more efficient and less expensive to operate.

Unlike a large, oversized generator, the PowerBridge is small and light enough to be transported in a pickup truck, while a single point lift permits them to be easily positioned at the job site.



The PowerBridge 200 converts a 240 VAC single phase input to reliable 3 phase, 60 to reliable 3 phase, 60 Hz power. The unit is completely self-contained in a quiet, rugged enclosure. Simply plug in and go!

On site, the PowerBridge is capable of running 100% duty cycles, generating noise levels that are virtually non detectable on a construction site. Noise levels are low enough to permit cranes to be operational at all hours without violating any noise by-laws.

The PowerBridge 200 uses closed circuit control system technology developed specifically for the application. Internal diagnostic programs monitor the input and output power characteristics. This allows the PLC to control the output frequency, maintaining it at precisely 60 Hz.

While standard generators require thousands of dollars in maintenance costs each year, the PowerBridge 200 requires only minor part lubrication on an annual basis, reducing your site's down time while saving you money. Additionally, the PowerBridge 200 does not require engine oil or fuel of any kind, eliminating the cost and mess associated with oil changes and filter replacements, making the PowerBridge an environmentally friendly upgrade to your site.



Specifications

The PowerBridage 200 includes the following features:

Disconnect switch on 240 VAC input, with lug connections

Fused 30 Amp disconnect on output, with MIPCO plug

Simple to operate Start / Stop buttons

Graphic display for systems status and diagnostics

Warning alarms for:

- Input voltage out of range

- Overcurrent on input

- Output voltage out of range

- Overcurrent on output

- Output frequency out of range

Output power sensing on startup/shutdown (Output power must be switched off when starting or stopping unit, this prevents possible damage to crane)

Built-in braking capability (auto-sense, turns on when crane is lowering load)

Closed loop control of output frequency (configured for 60 Hz)

Continuous output power through all crane speeds

Data logging of max / min input and output parameters

Quiet operation

Virtually maintenance free - only minor parts lubrication on a yearly basis



Input Power Characteristics			
Voltage:	215-250 VAC	Frequency:	60 Hz
Current:	200 amp circuit		
Output Power Characteristics			
Voltage:	480 VAC +/- 2%	Frequency:	60 Hz +/- 2%
Current:	20 amps continuous	40 amps peak <10 seconds	80 amps surge < 2 seconds
Dimensions			
Width:	32"	Length:	75" Height: 46"
Weight:	2,000 lbs		



Plug in and go technology - quickly, easily and efficiently power your self erecting crane.

An environmental friendly upgrade or addition to your build site.

All AltaStream Products are backed by a comprehensive warranty program and are supported by authorized providers to assist you with warranty, service, maintenance and parts.

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