



Applications for Stand-by and Prime power.
Rental, Industrial, Commercial, Residential.
Never Be Without Power.

Perkins Series

Specification Sheet

Stand By 14KW

Continuous 13KW



Features	Benefits
<ul style="list-style-type: none"> • Sound attenuated enclosure • Deep Sea 7220 Digital Controller • 100 Gallon Base Tank • Auto Start Auto Stop • Auto Exerciser • Generic Auto Transfer switch • Accessory Panel • Batteries Included 	<ul style="list-style-type: none"> • Increased longevity • Simple system monitoring • Easy access and utility • Ease of maintenance • Generator systems protection • Keeps your generator running smoothly

Engine Specifications

Brand	Perkins
Model	403D-15G
No. of Cylinders and Cycle	3Cylinder 4 Cycle
Total Displacement	1.496 L
Compression Ratio	22.5:1
Stand by Rated output (KW)	21.7/18.1
Rated Speed	1800RPM/ 1500RPM
Stand by Fuel Consumption (g/kw.h)	253/ 251
Lube oil Capacity	6.0 L
Cooling Method	Liquid Cooled
Starting Method	DC 12V or 24V Electric

Alternator

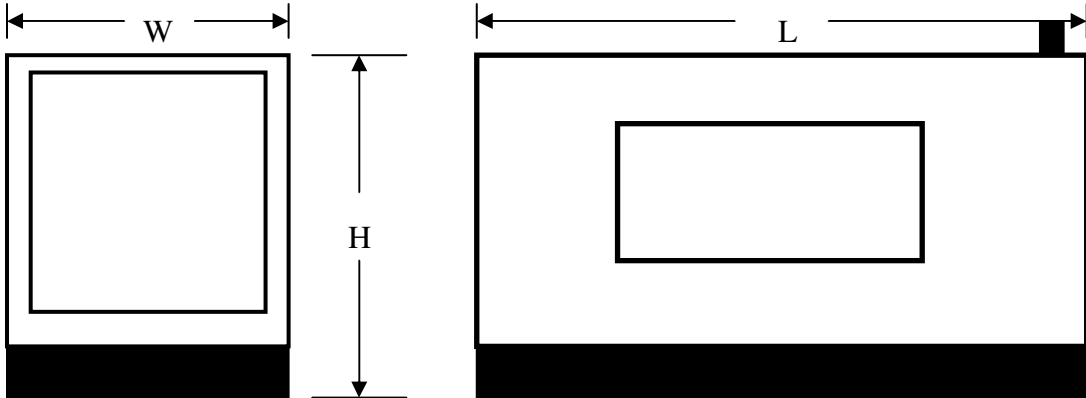
Stamford model number	BCI164D
Rated Power	14KW
Rated Voltage	380/220, 400/230,220v,230v, ETC.
Rated Current	According to the selected voltage or Phase
Rated Frequency	60HZ/50HZ
Rated Speed (RPM)	1800RPM/50HZ
Power Factor	1 for single phase / .0/8lagging for three phase
Phase Connection	single or 3 phase
Winding Connection	3 or 4 wire connected/ 12wire for 3phase
Excitation Method	Brushless
Voltage Regulation	AVR



Generating head



- 2/3 pitch windings avoid excessive neutral currents
- Class 'H' insulation with severe environmental protection as standard
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings
- Easy access for installation and maintenance
- 12 wire reconnectable stator/terminal arrangement
- Built to conform with all leading industrial and marine standards
- SX460 AVR as standard with 1.5% regulation and 2 Phase Sensing
- IP23 as standard



	Open Frame				Silent Enclosure				
	Weight (kg)	Weight (lbs)	Dimension (mm)	Dim (in)	Weight (kg)	Weight (lbs)	Dim (mm)	Dim (in)	
AGP10	410	830	1150x710x985	45x28x39	680	1376	1680x975x1335	66x38x53	
AGP14	420	850	1150x710x985	45x28x39	715	1447	1680x975x1335	66x38x53	
AGP21	520	1052	1332x712x1172	53x28x54	830	1680	1880x1025x1320	74x40x52	
AGP61	1250	2530	1700x840x1362	67x33x54	1400	2834	2400x1090x1620	95x43x64	
AGP80	1300	2631	1850x840x1362	73x33x54	1500	3036	2700x1170x1620	106x46x64	
AGP100	1300	2631	1850x840x1362	73x33x54	1500	3036	2892x1205x1915	114x48x76	
AGP133	1300	2631	2300x990x1470	91x39x58	1500	3036	3200x1155x1760	126x46x69	
AGP177	1600	3238	2400x950x1600	95x37x63	2400	4858	3500x1355x1955	138x53x77	

**Weight and Sizing are estimates and should not be utilized as exact values



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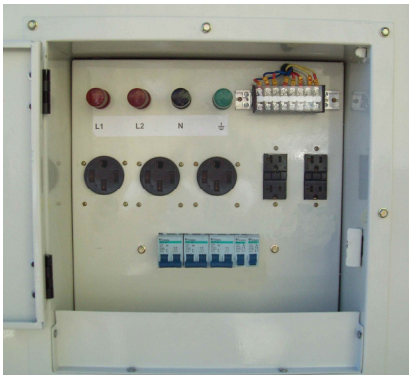
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Deep Sea 7220 Digital Controller



The DSE7220 is a control module for single gen-set applications. The module incorporates a number of advanced features to meet the most demanding on-site applications. The DSE7220 is an Auto Mains (Utility) Failure Control Module designed to start and stop diesel and gas generating sets that include electronic and non-electronic engines. The module has the capability of being able to monitor a mains (utility) supply. Modules are simple to operate and feature a user-friendly menu layout for improved clarity. Enhanced features include a real time clock for improved event and performance monitoring, the ability to display any language on screen and a 132 x 64 pixel LCD display.

Utility Panel



This plug panel is a gives you superior utility when it comes to getting use out of your generator. Panels can include:

- 3 30 or 50 Amp twist lock or straight plug receptacles for large freezers, AC Units, and large utilities.
- 2x2 110V plugs for tools and lighting
- Lugs for hooking your generator up to utility and home.

The panels include switches to turn receptacles on and off with ease.