



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

Perkins Series

Specification Sheet

Stand By 80KW

Continuous 73KW



| 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 | 1104A-44TG2 |
| No. of Cylinders and Cycle | 4Vertical In-Line 4 Stroke Turbo Charged |
| Total Displacement | 4.4 L |
| Compression Ratio | 17.25:1 |
| Stand by Rated output (KW) | 93.0/ 80.7 |
| Rated Speed | 1800RPM/ 1500RPM |
| Fuel Consumption (UK Gal/h) | 5.37/ 4.5 |
| Lube oil Capacity | 8.0L |
| Cooling Method | Liquid Cooled |
| Starting Method | DC 12V or 24V Electric |

Alternator

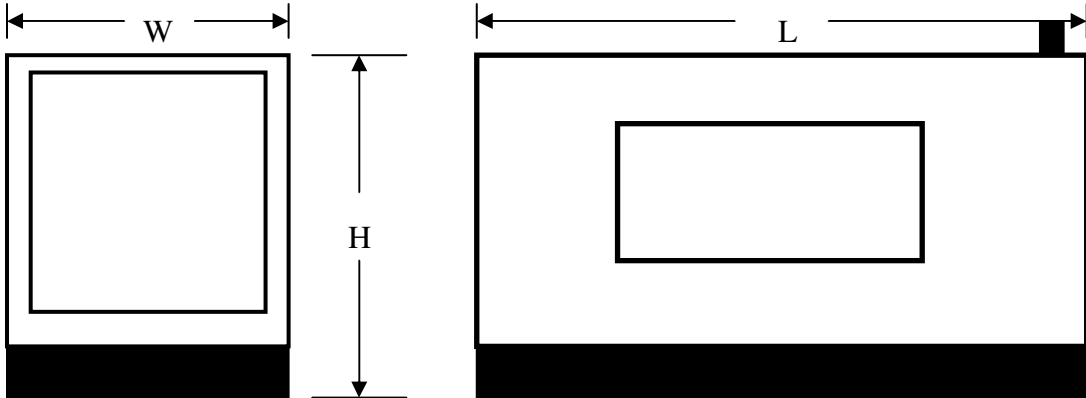
| | |
|-----------------------|---|
| Stamford model number | UCI274D |
| Rated Power | 80KW |
| Rated Voltage | 380/220, 400/230,220v,230v, ETC. |
| Rated Current | According to the selected voltage or Phase |
| Rated Frequency | 60HZ/50HZ |
| Rated Speed (RPM) | 1800RPM/50HZ |
| Power Factor | 1 for 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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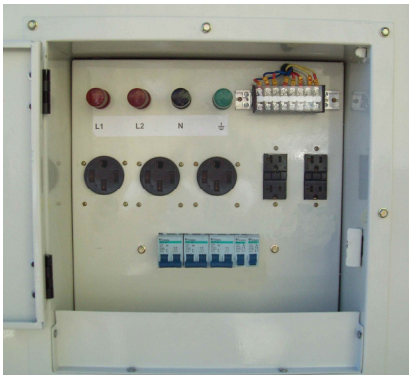
**Tel: 877-902-2288
 Fax 480-406-6550
www.Affordablegenerator.com**

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.