

450 KVA PERKINS NEWAGE DIESEL GENERATOR



Dimensions

| CANOPIED | | | | OPEN | | | |
|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| Length (cm) | Width (cm) | Height (cm) | Weight (kg) | Length (cm) | Width (cm) | Height (cm) | Weight (kg) |
| 545 | 117 | 225/267 | 4900 | 340 | 113 | 222 | 3900 |

All dimensions and weights are approximate and should not be used for installation Canopy height includes silencer

General Specifications

| | |
|----------------------------------|------------------------------|
| KVA (Prime Rating) : | 450 |
| Engine Type : | Perkins 2506A-E15TAG1 |
| Alternator: | Newage HCI 544C |
| Volts : | 400 / 230 v |
| Cycles Hz : | 50 |
| R.P.M. : | 1500 |
| Fuel Consumption at 75% : | 72 Litre per hour |
| Fuel tank capacity: | 960 Litres |



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Generating Set

- + Set Mounted Tropical Duty Radiator
- + Engine Driven Cooling Fan with Protection Guard
- + Radiator Stone Guard
- + Fuel, Lubricating Oil and Air Filter with Restriction Indicator
- + Mechanical governing at 1500/1800 RPM in accordance with BS5514A1 (1)
- + 24 Volt electric start with charging alternator
- + Steel base frame with integral 8 hour capacity fuel tank, complete with contents gauge, steel wire braded fuel lines, fill, vent and drain fittings
- + Anti vibration mountings fitted between the engine/alternator feet and base
- + Set mounted maintenance free lead acid battery with leads and terminals
- + Exhaust flexible section with connections
- + Silencer supplied loose (open set only)
- + Load and function tests
- + Paint finish to our standard scheme
- + Comprehensive user manual
- + Protection Switches for :
 - o High Engine Temperature
 - o Low oil pressure
 - o Wiring to Control Panel

Manual Start

- + 3 pole MCB/MCCB Mounted in control panel
- + Deep Sea 7120 module

ATS Panel

- + 4 Pole changeover contactors (2)
- + Indicators for
 - o Mains available
 - o Mains on load
 - o Generator Available
 - o Generator on load
 - o Phase failure monitor

Acoustic Canopy Features

- + Water and dust proof design
- + The sound level of the basic models is 85 dba @ 1 Meter
- + The material is Zinc plated mild steel
- + The Canopy is finished in a powder coated RAL 9010 (White)

Auto Start

- + Constant Potential battery charger
- + Battery charger On/Off pushbutton
- + Deep Sea 7120 module
- + Off/Auto/Manual selector keyswitch

Deep sea 7120 module



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The Association of Manufacturers of
Power Generating Systems
www.amps.org.uk