



## Specifications : Engine

- Perkins 1104C-44TAG1 opt. at 2,000 RPM
- Turbocharged 4-stroke, 4 cylinders, 98 KW
- 12 VDC battery system
- Low oil pressure shutdown
- Intake air restriction indication
- Electronic governor system
- Automatic cold weather start assists system

## Generator

- Rating: 90 KVA at 0.8 PF, 400 Hz 200 Volt L/L nominal; adjustable  $\pm$  10-15%
- 3 Phase, 4 wire wye connected, grounded neutral, revolving field, brushless, self-cooling, single bearing rectifier assembly, insulation class H

## Overload

- 125% rated load for 10 minutes, 150% for 10 seconds

## Regulation

- Voltage regulation:  $\pm$  1% no load to full load

## Protection

- Over-voltage: instantaneous disconnect of load at 180 volts L-N, with inverse time delay down to 126 volts in 2 seconds
- Under-voltage: disconnects output below 100 volts L-N in 7 seconds
- Over-frequency: disconnects output above 420Hz in 5 seconds
- Under-frequency: disconnects output below 370Hz in 5 seconds

## Finish

- Powder Coat paint provides excellent weather resistance, flexibility and adhesion, plus a strong resistance to chemical agents such as glycol, Skydrol and Jet A
- Standard color is High Gloss White
- Custom colors require a paint chip or swatch for accurate color match

## Displays / Instrumentation Engine

- **Meters:** coolant temperature, RPM, hour meter, oil pressure, voltmeter, fuel quantity, fault indications
- **Indicator Lights:** engine circuit on, air cleaner restriction, high coolant temperature, low oil pressure, engine stop delay action, and low fuel
- **Switches:** engine start, engine stop, panel lights
- Delayed shutdown for turbocharger protection

## Generator

- **Meters:** frequency, ammeter, and voltmeter
- **Indicator Lights:** contactors on, over-frequency, under-frequency, current overload, over-voltage, under-voltage
- **Switches:** meter select, output contactors control, test / reset

## Optional Equipment:

- Transformer-Rectifier pack for 28.5VDC with current limiting, 800-amp continuous load and 2,200 peak; output cable, 10 meters
- AC outlet 110/220 volt, 20 amps kit
- Indicator beacon, tow and running lights
- Cold weather kit and battery blanket (120 volt)
- Second output (120 KVA & 140 KVA models)
- Low fuel warning kit
- Low coolant level, warning kit
- One (1) 10 meter, 400 Hz output cable
- Two (2) 10 meter, 400 Hz output cables
- Amber flashing beacon mounted on roof
- Weatherproofed gauge mounting

