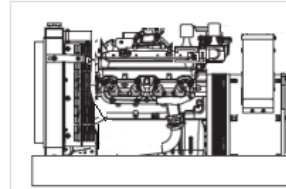




Gaseous Product Line

PDZ16S-OB
16 kWe
120/240 VAC 1 phase 240-480 3 phase VAC
60 Hz / 1800 RPM
Standby / Prime

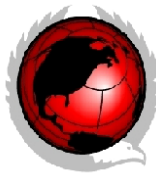


Ratings

| | 240v | 240V | 480V |
|------------------------|-------------|-------------|-------------|
| Phase | 1 | 3 | 3 |
| PF | 1.0 | .08 | .08 |
| Hz | 60 | 60 | 60 |
| Generator Model | 1CB15-ZPP | CB16-ZPP | CB16-ZPP |
| Connection | 4 LEAD | 12 LEAD | 12 LEAD |
| Standby | | | |
| kWe Nat (LP) | 16 (16) | 16 (16) | 16 (16) |
| AMPS Nat (LP) | 66 | 60 | 30 |
| Temp Rise | 125° C | 125° C | 125° C |
| Prime | | | |
| kWe Nat (LP) | 14.5 (14.5) | 14.5 (14.5) | 14.5 (14.5) |
| AMPS Nat (LP) | 60 | 44 | 22 |
| Temp Rise | 105° C | 105° C | 105° C |

Standard Equipment

| Engine | Generator | Additional |
|---|---|--|
| <ul style="list-style-type: none"> Radiator Cooled Unit Mounted (50°C) Blower Fan & Fan Drive Starter & Alternator Oil Pump & Filter Oil Drain Extension w/Valve Governor – Electronic Isochronous 12V Battery System & Cables Air Cleaner (Dry Single Stage) Flexible Fuel Connector EPA Certified Teir 4 Prime or Standby | <ul style="list-style-type: none"> Brushless Synchronous w/ Exciter and AVR +/- 1% Voltage Regulation 4 Pole, Rotating Field 125°C Standby Temperature Rise 100% of Rated Load – One Step 5% Maximum Harmonic Content UL 1446 – Electrical Insulation System | <ul style="list-style-type: none"> Microprocessor Based Digital Control Interface Connection Box Control Panel Mounted in NEMA 12 Enclosure Base – Formed Steel Main Line Circuit Breaker Mounted & Wired Critical Grade Silencer Mounted Battery Charger 12V 6 Amp Jacket Water Heater 500W 120V Vibration Isolation Mounts Radiator Duct Flange (OPU Only) Single Source Supplier 3YR / 2000HR Standby Warranty Optional 5 yr Limited Warranty Optional LP Fuel Thermostat controlled block heater |



TG410 - Control Panel

- Digital Metering
- Engine Parameters
- Engine Protection
- CAN Bus J1939 ECU Communications
- USB Configuration Communications
- RS484 port w/galvanic isolation
- Internet Gateway Option
- PC Configuration Software
- Programmable Inputs
- UL Recognized, SAE Tested Standards,
- 150 Event Log
- Integrated Gasket for ingress protection
- NFPA 110 Level 1 Compatible
- Remote Communications to RA400 Remote Annunciator



Application Data

Engine

| | | | |
|-----------------------|----------------|------------------------|-------------|
| Manufacturer: | Zenith | Displacement-cc (lit) | 1599 (1.6) |
| Model: | NA416L2PAK1-01 | Bore (mm) x Stroke-mm: | 76.5 X 87.0 |
| Type: | 4-Cycle | Compression Ratio: | 10.0 : 1 |
| Aspiration: | NATURAL | Rated RPM: | 1800 |
| Cylinder Arrangement: | 4 In-Line DOHC | | |

Fuel Consumption

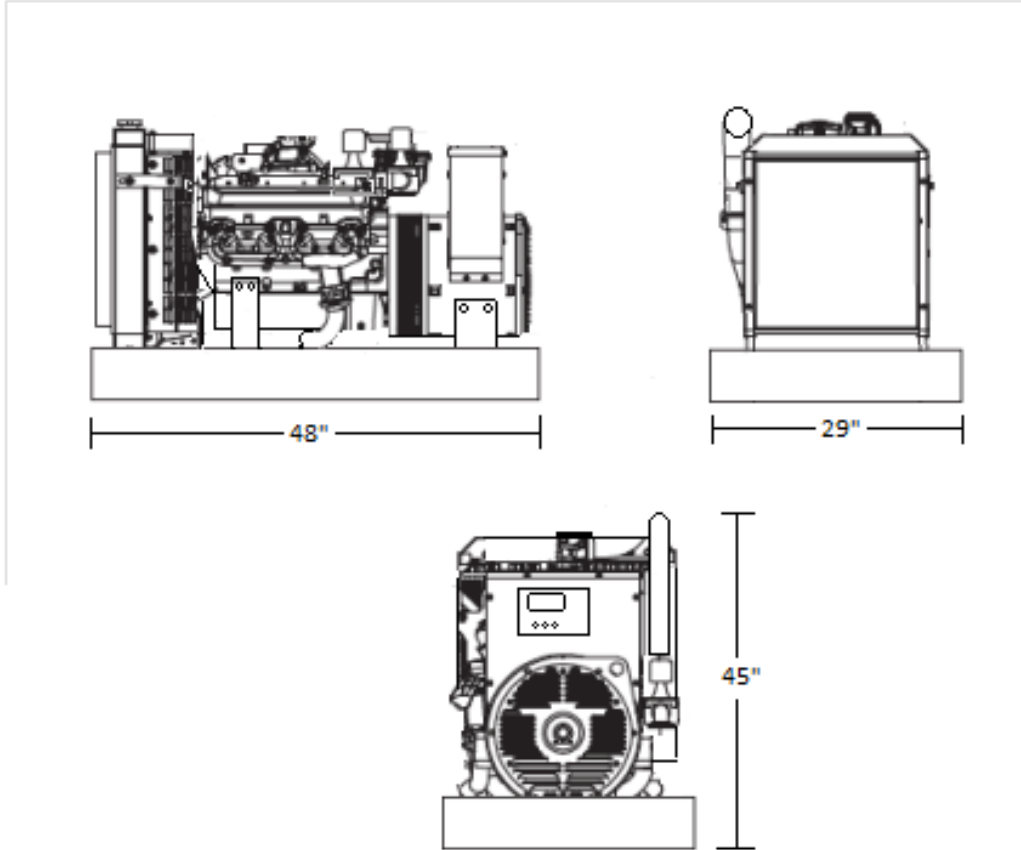
| | |
|--|-----------------------------|
| At 100% of Power Rating: gal/hr (lit/hr) | (24.3)N/G 363 (10.3)L/P |
| At 75% of Power Rating: gal/hr (lit/hr) | 725 (20.5)N/G 305 (8.63)L/P |
| At 50% of Power Rating: gal/hr (lit/hr) | 578 (16.4)N/G 244 (6.91)L/P |

Fluids Capacity

| | |
|---|------------|
| Total Oil System: qts (lit) | 3.49 (3.3) |
| Engine Jacket Water Capacity: qts (lit) | 3.0 (2.83) |
| System Coolant Capacity: qts (lit) | 10 (9.46) |



Dimensions



L x W x H

Weight Lbs

48 x 29 x 45

850

dBA 74

*All specification sheet dimensions are represented in inches.
*Materials and specifications subject to change without notice.