

DRAGON 400KW



EPS-01_040 DRAGON 400 KW
2/24/2025

POWER EQUIPMENT FOR ALL APPLICATIONS



OVERVIEW:

- HEATRATE - 9750 BTU/KWH
- ENGINE - PSI ENGINE
- FUEL TYPE - NATURAL GAS & PROPANE



DRAGON
www.dragonproducts.com

GET A QUOTE

Beaumont, TX | 409.860.9709

Odessa, TX | 432.333.8177

Wooster, OH | 330.345.3968

Yukon, OK | 405.324.2193

Houston, TX | 281.216.3083

dragon.power@dragonproducts.com

STANDARD FEATURES

GENERAL UNIT DESCRIPTION:

- OIL MAKEUP TANK - 16 GALLON KENCO
- AIR FILTER SYSTEM - SINGLE STAGE REPLACEABLE FILTER
- GAS TREATMENT - SCRUBBER
- FUEL: DUAL NATURAL GAS/ PROPANE
- EXHAUST: DUAL SILENCER / USFA ARRESTOR
- LUBRICATION - MURPHY/KENCO OIL REPLENISHMENT
- SAFETY SHUTDOWN - LOW OIL PRESSURE; LOW COOLANT LEVEL, HIGH OIL TEMP

ENGINE ELECTRICAL SYSTEM

- STARTING MOTOR VOLTAGE: 24DCV
- CHARGER AMPS: 45
- BATTERY AMPERE HOURS: 200AH/1000CCA

ENGINE SPECIFICATION

- MANUFACTURER: PSI-V12
- MODEL: TURBO CHARGED PSI22LT
- EMISSIONS: US EPA CERTIFIED
- ENGINE SPEED (RPM): 1800
- MAX. HP POWER 1800 RPM: 684 ISO3046
- CYLINDER ARRANGEMENT: V-12
- COMBUSTION SYSTEM: STOICHIOMETRIC
- ASPIRATION: TURBOCHARGED
- ENGINE TYPE: DIESEL DERIVATIVE
- FUEL: DUAL NATURAL GAS/ PROPANE
- NUMBER OF CYLINDERS: 12
- DISPLACEMENT IN3 (LITERS): 21.9
- BORE & STROKE INCHES (MM): 5.04X5.59
- COOLING: RADIATOR CAC COMBO COIL AND TUBE
- STARTING AIDS: NONE
- COMPRESSION RATIO: 10.5:1
- AIR CLEANER TYPE: DRY
- EXHAUST: DUAL SILENCER / USFA ARRESTOR
- FUEL SWITCH: AUTOMATIC
- FLEX COUPLING FOR RUGGED OPERATION

GENERATOR

- KW: 390 RATED PRIME
- CONTINUOUS DUTY
- 60 HZ
- 480 VOLT
- 3-PHASE

CONTROL PANEL

THE CONTROL PANEL IS EQUIPPED WITH A PROVEN GENERATOR DIGITAL CONTROLLER FOR RUGGED ENVIRONMENTS SUCH AS C&I APPLICATIONS, DRILL PLATFORMS, PUMP JACK SITES, AND LANDFILLS.

*we reserve the right to change specs at any time. Items will be functionally equal

FUEL DATA: GENERATOR SET ENCLOSURE DIMENSIONS:

TYPE	CONSUMPTIONS (CU. FT/HOUR)	LENGTH	WIDTH	HEIGHT	WEIGHT LBS	DBA
NATURAL GAS/LPG	4230 NG (1480 LPG)	192"	90.5"	117.75" 9.8'	14,540 DRY	86

THE PREMIUM CONTROL BOX HAS THE CAPABILITY TO CONTROL THE GENERATOR SET MANUALLY, REMOTELY OR AUTOMATICALLY.

- NFPA-110 COMPLIANT
- FULLY CONFIGURABLE MANUAL- REMOTE - AUTOMATIC CONTROL OPTIONS
- OFF-LINE SIMULATOR FOR TROUBLESHOOTING
- HIGH-CONTRAST DISPLAY IS EASY TO USE
- MICROPROCESSOR BASED CONTROLLER
- ETHERNET HUB ON PANEL FOR EASY ACCESS

LUBRICATING SYSTEM

- TOTAL LUBRICATING CAPACITY QUARTS (LITER): 42.25/40
- RECOMMENDED LUBRICATING OIL GRADE: SAE 15W-40
- OIL PRESSURE MINIMUM 1800RPM- PSI (BARS): 43.5/3
- MAX. ALLOWABLE OIL TEMP F (C): 250/121

COOLING SYSTEM FOR OPERATING AT 120° AMBIENT

- COOLING SYSTEM: RADIATOR CAC COMBO
- ENGINE COOLANT CAPACITY QUARTS (LITERS): 50.1 GALLON
- FAN: PUSHER
- RADIATOR: PSI
- COOLING AIRFLOW: 40,000

ARRANGEMENT

- COUPLING: FLEXIBLE
- ENCLOSURE: YES
- BASE ARRANGEMENT: GENERATOR & CONTAINMENT
- SPILL CONTAINMENT: 110%

OPTIONAL EQUIPMENT

- BLOCK HEATER: KIM HOTSTART 6000W; 7.2A; 480V
- COLD WEATHER OPTIONS: CCV, FUEL TRAIN

PACKAGE SPECIFICATION

- HEAVY DUTY SKID
- 18" GOOSENECK TRAILER
- OIL AND COOLANT DRAINS
- BATTERY RACK AND CABLES
- 2-120V GFI RECEPTACLES
- LUG AND CAM LOCK CONNECTIONS
- SOUND ATTENUATED WEATHERPROOF ENCLOSURE 85 DBA
- VERTICAL FUEL FILTER SEPARATOR W/ 24" ELEMENT
- OIL SAMPLING PORT KIT W/ SAMPLING TUBE
- SPILL CONTAINMENT: 110%

POWER RATINGS	STANDBY	PRIME
GASHOUSE FUEL	KW KVA AMP	KW KVA AMP
LPG	315 394 474A	266 333 401A
NATURAL GAS (NG)	444 555 686A	390 488 587A
AMPERAGE	@480V	@480V



GET A QUOTE
 Beaumont, TX | 409.860.9709
 Odessa, TX | 432.333.8177
 Wooster, OH | 330.345.3968
 Yukon, OK | 405.324.2193
 Houston, TX | 281.216.3083
 dragon.power@dragonproducts.com