

DRAGON 400KW



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

POWER EQUIPMENT FOR ALL APPLICATIONS



OVERVIEW:

- HEATRATE - 9750 BTU/KWH
- ENGINE - PSI ENGINE
- CONTROLS - BASLER
- FUEL TYPE - NATURAL GAS & PROPANE
- ALTERNATOR - STANFORD



GET A QUOTE

majortennison@dragonproducts.com | 904.400.4984
steve.stump@dragonproducts.com | 614.571.1952
kreg.sorsoleil@dragonproducts.com | 281.705.4609
800.231.8198 | dragonproducts.com

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STANDARD FEATURES

GENERAL UNIT DESCRIPTION:

- OIL MAKEUP TANK - 16 GALLON KENCO
- AIR FILTER SYSTEM - SINGLE STAGE REPLACEABLE FILTER
- GAS TREATMENT - SCRUBBER
- DUAL FUEL - LPG, NG, WELLHEAD NG COMPATIBLE WITH AUTO SWITCH
- EXHAUST SYSTEM - DUAL: CATALYST AND USFS SPARK 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
- MODEL: D21.9L
- ALTERNATOR: STANFORD
- 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: NATURAL GAS/LPG
- NUMBER OF CYLINDERS: 12
- DISPLACEMENT IN3 (LITERS): 21.9
- BORE & STROKE INCHES (MM): 5.04X5.59
- COOLING: COIL AND TUBE
- STARTING AIDS: NONE
- COMPRESSION RATIO: 10.5:1
- AIR CLEANER TYPE: DRY
- EXHAUST SILENCER DBA: USFA ARRESTOR

- FUEL SWITCH: AUTOMATIC

CONTROL PANEL

THE DGC-2020HD IS A IS EQUIPPED WITH A PROVEN GENERATOR DIGITAL CONTROLLER FOR RUGGED ENVIRONMENTS SUCH AS C&I APPLICATIONS, DRILL PLATFORMS, PUMP JACK SITES, AND LANDFILLS. THE PREMIUM CONTROL BOX HAS THE CAPABILITY TO CONTROL THE GENERATOR SET MANUALLY, REMOTELY OR AUTOMATICALLY.

- MANUFACTURER: BASLER
- NFPA-110 COMPLIANT
- USER FRIENDLY, FULLY-CONFIGURABLE, PROGRAMMABLE, MICROPROCESSOR-BASED LOGIC CONTROLLER
- OFF-LINE SIMULATOR BEST LOGIC HELPS IDENTIFY AND TROUBLESHOOT THE LOGIC
- HIGH-CONTRAST DISPLAY IS EASY TO USE

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

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

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



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