

TOP BRAND COMPONENTS



PSI
ENGINE



ABB
BREAKER



DSE
CONTROLLER



STAMFORD
ALTERNATOR

ROBUSTNESS & SAFETY



UL
CERTIFIED



CSA
CERTIFIED



NFPA 110
COMPLIANT*



EPA
CERTIFIED

FUEL SYSTEM FLEXIBILITY



NG



LP/LPV



DUAL
FUEL

APPLICATIONS & USE



CONSTRUCTION



OIL/GAS



MINING



ENTERTAINMENT



HEALTHCARE



DATA
MANAGEMENT



HDI SPARK-IGNITED STANDBY SERIES

TECHNICAL SHEET HNI-80 - HNI-150

Genset Model	HNI-80	HNI-100	HNI-125	HNI-150
NG Standby Rating @ 480V (kW/kVA)	80/100	100/125	125/156	150/187.5
Engine Model	PSI 5.7LT	PSI 5.7LTCAC	PSI 8.8LT	PSI 8.8LTCAC
Standard Controller Model	DSE 7410 MKII	DSE 7410 MKII	DSE 7410 MKII	DSE 7410 MKII
Standard Alternator Model @ 480V	Stamford UCI224G	Stamford UCI274C	Stamford UCI274E	Stamford UCI274F
Sound Level Full Load dBA @ 23 ft (Level 1 Enclosure)	75	78	78	78
Level 1 Enclosure Dimensions (in.)	120.9"L x 46.3"W x 60.1"H	133.8"L x 50.3"W x 60.1"H	133.8"L x 50.3"W x 60.1"H	133.8"L x 50.3"W x 60.1"H
Level 1 Enclosure Weight (lbs.)	3250	4350	4350	4350
Motor Starting @ 30% V Dip	270	340	440	540
Fuel Consumption (At Full Load) cf/h	1100	1361	1520	1940
Available LP or Dual Fuel Option	-	✓	-	✓

STANDARD FEATURES

ENCLOSURE

- Rust-Proof Fastener with rubber washers to protect finish
- High Performance Sound-Absorbing Material
- Gasketed Doors
- Air Discharge Hood for Radiators (Upward/Downward Pointing)
- Lift Off Door Hinges
- Stainless Steel Lockable Handles
- Textured Polyester Powder Coat + Primer

ENGINE SYSTEM

- Oil Drain Extension w/ Valve
- Air Cleaner
- Fan Guard
- Factory Filled Oil

ELECTRICAL SYSTEMS

- Battery
- Battery Cables
- Battery Tray

ALTERNATOR SYSTEM

- 12 Leads
- Class H Insulation Material
- Vented Rotor 2/3 Pitch
- Full Load Capacity Alternator
- Protective Thermal Switch
- Skewed Stator

COOLING SYSTEM

- Factory-Installed Radiator
- Radiator Drain Extension w/ Valve
- 50/50 Ethylene Glycol Antifreeze

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Yrs./2,000 Hrs. (Whichever comes first) parts & labor.
- Silencer Mounted in the Discharged Hood (Enclosed Models Only)

CONFIGURABLE OPTIONS

ENCLOSURE

- Open Skid
- Level 1 Sound Attenuation
- Level 2 Sound Attenuation
- Level 1 Sound Attenuation (Aluminum Enclosure)
- Level 2 Sound Attenuation (Aluminum Enclosure)
- Snow Hood (Only w/ L2)

ENGINE SYSTEM

- Oil Heater
- 120V-1ph Water Jacket Heater (w/ Isolation Valves)

ALTERNATOR SYSTEM

- Anti-Condensation Heater
- Rheostat
- PMG w/ MX341 AVR or MX321 AVR

ELECTRICAL SYSTEMS

- Battery Warmer
- Battery Charger
- 10 Positions Load Center (100 Amps)
- Remote ESTOP w/ N3R Break Glass
- 120V GFCI Receptacle
- 10A Relay Common Alarm
- 10A Run Relay
- Control Panel Heater
- 8, 16, & 24 Leds Remote Annunciator on Surface Mounted Box
- AC/DC Enclosure Lighting Kit w/ Timer
- Enclosure Heater

GENERATOR SET

- Extended Test
- Extended Warranty
- Custom Testing

CONTROL SYSTEM

- Spare Inputs (x4) / Output (x4)
- DSE2130 - DSENet Input Expansion Module
- DSE2157 - DSENet Output Expansion Module
- DSE855 - DSENet USB to Ethernet ModBus TCP/IP Comm. Module
- DSE892 - DSENet USB to Ethernet ModBus TCP/IP-SNMP Comm. Module

CIRCUIT BREAKER OPTIONS

- LSI Electronic Trip 80% and
- LSIG Electronic Trip 80% and 100% Rated 100% Rated
- Second Main Line Circuit Breaker
- Shunt Trip
- Auxiliary Contacts for MLCB
- Auxiliary Contacts for Secondary Breaker
- Mechanical Lugs

ENGINEERED OPTIONS

ENCLOSURE

- Air Outlet Gravity Dampers
- Air Inlet Motorized Dampers (Only w/ L2)

GENERATOR SET

- Seismic Mounts

CIRCUIT BREAKER OPTIONS

- 3rd Breaker System
- Shunt Trip on 3rd Breaker
- Auxiliary Contact on 3rd Breaker

ELECTRICAL SYSTEMS

- 240V Twist Lock Receptacle

ALTERNATOR SYSTEM

- Bearing RTD's on Alternator
- Main Stator RTD's on Alternator (2 per phase)
- Tropical Coating
- Alternator Up-Sizing

*Compliant with the proper installation and options selected