



HDG45SRI

General Features

- >> Equipped with 50°C ambient temperature Radiator
- >> 100Gal running fuel tank equipped for easy clean and maintenance
- >> Powder painting body to avoid being scratch and peel off
- >> Simultaneous single and three-phase power
- >> Voltage selector switch offers the operator a wide range of voltages that are manually selectable. Fine tuning of the output voltage can be accomplished by adjusting the voltage regulator control knob to obtain the desired voltage
- >> EPA emissions certified — Tier 4 final emissions compliant
- >> Engine fitted with DOC
- >> Anti-vibration mountings between the engine/alternator and base frame
- >> Lift ring and fork lift pocket provided for easy movement
- >> Mineral wool cotton provided better sound absorbing to realize low noise level
- >> Electric control and power panel with measuring and monitoring devices and control unit
- >> Simulating oil pressure, water temperature, oil level, battery voltage, engine speed
- >> Adjust parameter in the controller directly or by connected by PC
- >> Emergency stop button and alarm provided

Note:

- (1) Prime Power: Prime power is available for an unlimited number of annual operating hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO3046-1.
- (2) Standby Power: Standby power is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.
- (3) HarbinGer reserves the right to modify the specifications without prior notice. All ratings are for guidance only, please refer to the final specific generator information from HarbinGer.

Basic Info

Genset Model:	HDG45SRI
Rated Power:	45KVA / 36KW
Standby Power:	50KVA / 40KW
Rated Speed:	1800RPM
Rated Frequency:	60HZ
Rated Voltage&Phase:	480-208V(3 Phase) 240/120V(1 Phase)
Phase:	1&3
Power Factor:	0.8
Governer method:	Common rail, HP-3 Type
Dimension:	L - 86.2 inch W - 41.7 inch H - 63.8 inch
Fuel Tank Size:	100 Gal
Dry Weight	2700 Lbs
Socket Type:	2x20A(120V) 2x50A(240V)

Application

- >> Mining site
- >> Construction
- >> Utilities
- >> Special events
- >> Military
- >> Airport and seaport
- >> Emergency Solution

Specifications

Engine Specification	
Model	4LE2X
Manufacturer	ISUZU
Number of Cylinders	4
Cylinder Arrangement	In-line
Cycle	Four stroke
Induction System	Turbocharged
Compression Ratio	17.6:1
Bore x Stroke	3.35x3.78 inch
Displacement	2179 cc
Estimated Total Weight (Dry)	465 Lbs
Rated Power at 1800rpm	49 KW
Oil Capacity-Max	2.75 Gal
Oil Capacity-Min	2.0 GaL
Coolant Capacity(with radiator)	2.6 GaL
Governer Method	Common rail, HP-3 type
Starting System	Electric
Type of Injection Model	Direct Injection
Initial Injection Pressure	3.04 Mpa
100% Fuel Consumption (prime)	2.7 Gal/h
Starter Capacity	12V-2.0KW
Alternator Capacity	12V-50A
Silence Type	Industrial
Lube Oil Brand	15W40-CH4 Upgrade
Cooling System	Water cooled
Alternator Specification	
Model	S1L2-R1
Frequency and Speed	60Hz/1800rpm
Manufacturer	Stamford
Prime Capacity	48KW
Exciter Type	Brushless
Insulation	Class H
Protection	IP23
Rated Power Factor	0.8
Stator Winding	Double Layer Concentric
Winding Pitch	Two Thirds
Winding Leads	12
Number of Poles	4
THF (Wave Form IEC)	<2%
TIF (Wave Form NEMA)	<50
Voltage Regulation	1.00%
Controller Specification	
Manufacturer	DeepSea
Model	DSE7420