



VPump 20HP
INVERTER

25 kVA PRIME POWER



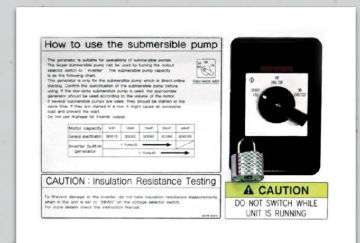
Built in 480V VFD/Inverter for better motor starting and speed control



1 | DSEgenset® Digital Control Panel with VFD/Inverter Controls



2 | Output Panel
120V - 20A x 2 | 240V - 50A x 2 with Terminal Block for VFD Remote Control



3 | Lockable Voltage Selector Switch
3φ 480V Inverter 480V/277V and 120/208-139/240V 1φ 120/240V



7 | 480V Variable Frequency Drive with Cooling Fans

PERFORMANCE //

- 1 - DSE® Digital Control Panel
- 2 - Curbside Electrical Panel
- 3 - Voltage Selector with 480V Inverter Position
- 4 - Emergency Stop Button
- 5 - Delta Demand Excitation™
- 6 - QuietTech™ Sound Attenuation
- 7 - Variable Frequency Drive

MAINTENANCE //

- 8 - Lift-off Door Hinges
- 9 - Ext. Fuel Tank Connections
- 10 - 110% Fluid Containment
- 11 - Service Extensions
- 12 - Fuel & Containment Drains
- 13 - Removable Trailer Fenders

CONSTRUCTION //

- 14 - Powder-coated Steel Enclosure
- 15 - Stainless Steel Hardware
- 16 - Lockable Access Doors
- 17 - Automotive Door Seals
- 18 - 51.5 Gallon Fuel Tank
- 19 - Heavy-Duty Steel Trailer with Lockable Storage



ISUZU® 4LE2T
Tier 4 / CARB
Diesel Engine



BEST-IN-CLASS dBA RATING // 24-HOUR RUNTIME \\\ EXCELLENT MOTOR STARTING
THE INDUSTRY'S HIGHEST-QUALITY MOBILE GENERATORS

GENERATOR MODEL SDG25SV-8E1

AIRMAN® MOBILE GENERATORS



GENERATOR SPECIFICATIONS	SDG25SV-8E1
ALTERNATOR TYPE	AIRMAN WYE Winding
STANDBY OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	27.5 kVA / 22 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	15.8 kVA / 15.8 kW
PRIME OUTPUT	
THREE-PHASE AT 240V 3CD-4 WIRE	25 kVA / 20 kW
SINGLE-PHASE AT 240V 1CD-3 WIRE	14.4 kVA / 14.4 kW
FREQUENCY	60 Hz
VOLTAGE (THREE-PHASE), SWITCHABLE	480/277 240/139
VOLTAGE (SINGLE-PHASE), SWITCHABLE	240/120
ARMATURE CONNECTION	Star with Neutral/Zig Zag
EXCITATION	Brushless with AVR
NUMBER OF POLES	4
INSULATION	Class F
VOLTAGE REGULATION	±0.5%
FREQUENCY REGULATION, STEADY STATE	±0.25% of Overall Mean Value
AMPERAGE	
SINGLE-PHASE (120V) - ZIG ZAG	60A x 2
SINGLE-PHASE (240V) - ZIG ZAG	60A
THREE-PHASE (208V)	65A
THREE-PHASE (240V)	60A
THREE-PHASE (480V)	30A
VFD/INVERTER MAKE/MODEL	Mitsubishi® FR-F800
OUTPUT VOLTAGE	400-480V
ADJUSTABLE FREQUENCY RANGE	30-60Hz
FREQUENCY METER	Yes
REVERSE POWER SWITCH	Yes
ENGINE MAKE & MODEL	ISUZU® 4LE2T
ENGINE CONTROL PANEL	DSE® 7310 MKII
EPA TIER 4 CARB/ EMISSION CERTIFIED	Tier 4 Final, Model Year 2023 EPA & CARB Certification
TYPE OF AFTERTREATMENT	Diesel Oxidation Catalyst (DOC)

ENGINE MAKE & MODEL (Continued)	ISUZU® 4LE2T
ENGINE TYPE	Direct Injection 4-Cycle Liquid Cooled Diesel, EGR
ASPIRATION	Turbocharged
SAE GROSS HP / BHP@1800 RPM	40.2 BHP / 30 kW
HORSEPOWER RATING (@1800 RPM)	33.3 HP / 24.8 kW
NUMBER OF CYLINDERS	4
DISPLACEMENT	133 cu in
ENGINE SPEED	1800 RPM
GOVERNOR TYPE	Electronic
FUEL TYPE	Ultra-low sulfur diesel (ULSD)
FUEL TANK CAPACITY	52 gal
FUEL CONSUMPTION	
FULL LOAD	1.6 gal/hr
75% LOAD	1.3 gal/hr
50% LOAD	1.0 gal/hr
RUNTIME @ FULL LOAD	32 hrs
FUEL PUMP	Self-priming Electric Fuel Pump
FUEL FILTER TYPE / QUANTITY	Combination Fuel/Filter Sedimentor x 1
LUBRICATING OIL CAPACITY	4.1 gal
BATTERY	
SYSTEM VOLTAGE	12V
BATTERY CHARGER ALTERNATOR QUANTITY	35 A 1
COLD CRANKING AMPS	490 CCA
AMP HOURS	70 Ah
COOLING SYSTEM	
COOLING SYSTEM TYPE	Liquid/Air Fin and Tube Radiator, 50/50 Mix
COOLANT CAPACITY	2.75 gal
WATER PUMP TYPE	Impeller
FAN TYPE	Belt-driven Pusher
NOISE LEVEL @ 23 FEET(NO/FULL LOAD)	61 dBA / 63 dBA

ENCLOSURE	
PAINT TYPE	Positively Charged Ion (E-coat) Electrodeposition Coating, Baking Finish Coating for Weatherproof, and Anti-corrosion and Salt Pollution
ENCLOSURE METAL / CONSTRUCTION	Steel
GAUGE STEEL	16 Gauge
DOOR HINGES	Stainless Steel
SERVICE ACCESS POINTS HARDWARE	Stainless Steel
SPILL CONTAINMENT	110%
WEIGHTS & DIMENSIONS	
LENGTH x WIDTH x HEIGHT	67" x 35" x 55"
DRY WEIGHT	1,830 lbs
OPERATING WEIGHT	2,227 lbs
TRAILER WEIGHT	690 lbs
OPERATING WEIGHT w/ TRAILER	2,917 lbs
TRAILER WEIGHTS & DIMENSIONS	
LENGTH	119"
WIDTH	67"
HEIGHT w/ GENERATOR INSTALLED	71"
WEIGHT	690 lbs
WHEEL SIZE-TIRE RATING	ST205/75R15 Load Limit C-1820 lbs @ 50 psi
NUMBER OF AXLES / RATING	1 Axle / 3,700 lbs each
BRAKING TYPE	None
LIGHTING TYPE	LED
CERTIFICATIONS USA/DOT COMPLAINT	FMVSS
ADJUSTABLE HITCH HEIGHT	Yes
COMPLIANCE & CERTIFICATIONS	
FLUID CONTAINMENT	110%
USA DOT COMPLIANT	Yes
CSA LISTED	Yes
TRANSPORT CANADA COMPLIANT	Yes
DIESEL ENGINE EPA TIER LEVEL	Tier 4 Final

Patents Pending - All specifications are subject to change without prior notice. Visit anacorp.com for the most current information.

SMARTLOAD™ LOAD BANK SYSTEM



Single Row Cam-Loks™



Fuel Filter Heater

ACCESSORIES & OPTIONS

- ◀ SmartLoad™ System
- ◀ Single Row Cam Loks™
- ◀ Fuel Filter Heater
- Battery Blanket
- Lockable Battery Disconnect
- Engine Coolant Heater
- Engine Block Heater
- Battery Charger
- 600V
- 🇨🇦 CSA Certification
- 5-Yr./10,000-Hr. Ext. Warranty



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