

# SPECIFICATIONS

## GENERATOR DATA

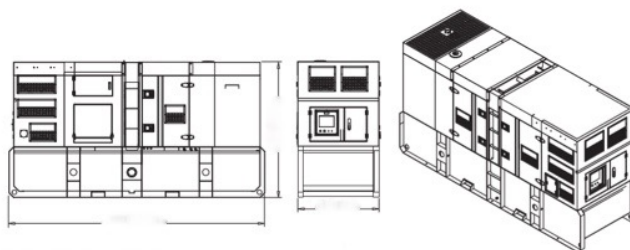
Model	HS160D
Rated Standby Power @.8 p.f.	140 kW (175 kVA)
Rated Prime Power @ .8 p.f.	128 kW (160 kVA)
3 phase Voltage Selection	208/120, 220/127,240/139 480/277,460/266,440/254
Amperage Capacity (3 phase)	
208V	441 Amps
240V	384 Amps
480V	192 Amps
1 phase Voltage Selection	120/240
Amperage Capacity (1 phase)	120V-355 Amps x 2 (zigzag) 240V-355 Amps (zigzag)
Connection Terminals and Receptacles	
	2-Single Row Mechanical Lug, Hex Head
	2-Single Row Color Coded Cam Locks
	2-20A, 120V GFCI
	3-50A, 250V, CS6369
Sound Level at Full load @ 23'	71dB(A)
Fuel Cell Capacity	274 Gallons (1040 liters)
Fuel Consumption	<i>gph (lph)</i>
100% load	9.8 (37)
75% load	7.8 (29)
50% load	5.6 (21)
25% load	3.3 (12)
Controller	DeepSea 7310
Safety Protection	Water Temp Oil Pressure Emergency Stop kW/kVA/Amp Parameter Monitoring Battery Disconnect Lockable Voltage Selection Generator Output Protection

## ENGINE

Make	Perkins
Model	1104D-E66TAG3
Emissions Compliance	EPA Tier III
Design	6 Cylinder, 4 cycle, water cooled direct injection, turbocharged
Displacement	6.6 liter
Rated Speed	1800 RPM
Gross Engine Power Output	229HP (171 kW)
Oil Capacity	4.4 Gallons (16.5 liters)
Battery	12V 120Ah x 1

## ALTERNATOR

Model	Stamford UCI274E
Excitation	Brushless with PMG
Automatic Voltage Regulator	Stamford MX321
Frequency	60 Hz
Voltage Regulation	+/- 0.5%
Frequency Regulation	+/- 0.25%
Insulation	Class H
T.I.F.	<50
Peak motor start @ (30% V	



## WEIGHT AND DIMENSIONS *inches (mm)*

Length	141.3 (3590)
Width	47.2 (1200)
Height	79.5 (2020)
Weight (dry)	5930 lbs (2690 kG)

## INGENUITY PORTABLE GRID



2500 State Hwy 160  
Warrior, AL 35180  
205-590-3505

# HS160D