

**NIPPON**



**100kVA**

***Diesel Generator Set  
Silent Canopy***

# Engine Specification

<b>GENERATOR SET MODEL</b>	<b>HWS 125STF</b>
<b>ENGINE MODEL</b>	FAWDE 6DF2D-14D
<b>NUMBER OF CYLINDERS</b>	6
<b>CYLINDER ARRANGEMENT</b>	VERTICAL IN LINE
<b>CYCLE</b>	4 STROKE
<b>ASPIRATION</b>	TURBOCHARGED
<b>BORE X STROKE (MM X MM)</b>	110 X 115
<b>DISPLACEMENT (LITER)</b>	6.55
<b>COMPRESSION RATIO</b>	17.0:1
<b>SPEED GOVERNER</b>	MECHANICAL
<b>COOLING SYSTEM</b>	WATER COOLED
<b>FUEL CONSUMPTION (L / h) (BASE ON 75% LOAD)</b>	18
<b>STARTER MOTOR (V)</b>	DC 24

# Alternator Specification

<b>ALTERNATOR MODEL</b>	<b>NIPPON NP274C</b>
<b>RATING</b>	PRIME : 100KVA STANDBY : 110KVA
<b>VOLTAGE</b>	240 / 415 V
<b>FREQUENCY (Hz)</b>	50
<b>RPM</b>	1500
<b>POWER FACTOR</b>	0.8
<b>PHASE</b>	3 PHASE (4 WIRES)

# Generator Unit

<b>GENERATOR TYPE</b>	<b>SILENT CANOPY</b>
<b>LENGTH (MM)</b>	3100
<b>WIDTH (MM)</b>	1050
<b>HEIGHT (MM)</b>	1610
<b>WEIGHT (KG)</b>	2000