



DNY100-DNY125

Rating Definition

Standby Power - Model DNY100 - DNY125

These ratings are applicable for supplying continuous electrical power
(at variable load in event of a utility power failure)

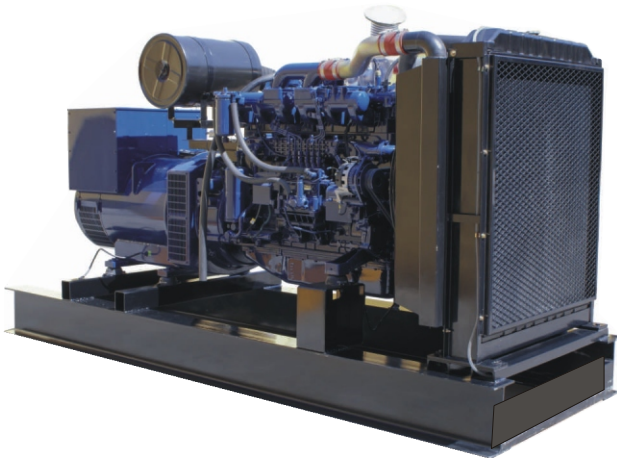
No overload is permitted on these ratings.

the engine performance corresponds to ISO 3046,BS 5514 and DIN6271

Note: Standard reference conditions 25°C (77°F) Air inlet Temperature.

All engines performance data based on the adobe metioned maximum continuos ratings.

Fuel consumption data at full load with diesel fuel with specific gravity of 0.85.



Output Ratings				0.8 (p.f)
Frequency	Models	Voltage	kVA	kWe
60 Hz	DNY100	440-220V	127	102
	DNY125		160	128

Technical data	
Engine Model:	D1146T
Number of Cylinders:	6 In-line
Bore/Stroke:	111(4.37) x 139(5.47) mm(in)
Compression ratio:	16.8:1
Aspiration:	Turbocharged
Displacement:	8.071(492.49) lts(in ³)
Fuel consumption:	35.1 lts - 100% load
Frequency:	60 Hz
Engine Speed:	1800 rpm
Pressure system:	Max. 0.9 kg/cm ² (12.8 psi)
Water Flow:	150 lts/min.
Heat Rejection to Coolant:	17.4 kcal/sec
Air Flow:	10.6 m ³ /min
Exhaust Gas Flow:	25.7 m ³ /min
Exhaust Gas Temp:	470°C
Max. Permissible Restrictions	
Intake System:	220mmH ² O initial - 635mmH ² O final
Exhaust System:	600mmH ² O max
Alternator Model	
Generating Set Model:	DNY100 DNY125
Alternator Model	UCI274C UCI274E
Insulation System:	Class H
Control System:	Self exited
AVR	SX460

Dimensions and Weights				
Length:cm	Width cm	Heigth:cm	DNY100	
260	93	150	Dry: 1306 kgs	Wet: 1340 kgs
			DNY125	
			Dry: 1397 kgs	Wet: 1439 kgs

Inyen, S.A. de C.V.
carlos.vargas@inyen.com.mx
ventas@inyen.com.mx
ventas3@inyen.com.mx