



DNY165 - DNY185 DNY200

Rating Definition

Standby Power - Model DNY165 - DNY185

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

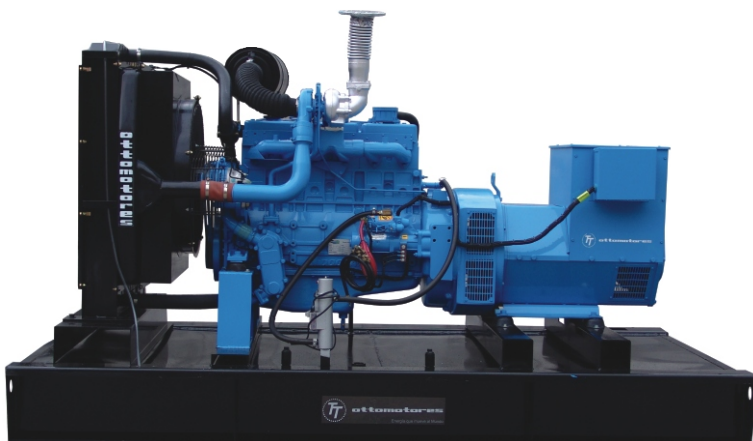
No overload is permitted on these ratings.

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 continuous ratings.

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



Output Ratings

Frequency	Models	Voltage	kVA	kWe
60 Hz	DNY165	440-220V	206	165
	DNY185		233	187
	DNY200		250	200

Technical data

Engine Model:	P086TI
Number of Cylinders:	6 In-line
Bore/Stroke:	111(4.37) x 139(5.47) mm(in)
Compression ratio:	16.4:1
Aspiration:	Turbocharged & intercooled (air to air)
Displacement:	8.071(492.49) ltr(in)
Fuel consumption:	56.8 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:	20.3 kcal/sec
Air Flow:	16.8 m ³ /min
Exhaust Gas Flow:	38.8 m ³ /min
Exhaust Gas Temp:	530°C

Max. Permissible Restrictions

Intake System:	220mmH ² O initial - 635mmH ² O final
Exhaust System:	600mmH ² O max
Generating Set Model:	DNY165 DNY185 DNY200
Alternator Model	UCI274F UCI274G UCI274H
Insulation System:	Class H
Control System:	Self excited
AVR	SX460

Dimensions and Weights

Length: cm	Width : cm	Heigth: cm	DNY165	
260	93	150	Dry: 1445 kgs Wet: 1489 kgs	
			DNY185	
			Dry: 1497 kgs Wet: 1541 kgs	
			DNY200	
			Dry: 1543 kgs Wet: 1616 kgs	

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