



INYEN
S.A. de C.V.

SOLUCIONES ELECTRICAS E INTEGRALES

DNY360 - DNY420

Rating Definition

Standby Power - Model DNY360 - DNY420

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

Frequency	Models	Voltage	kVA	kWe
60 Hz	DNY360	440-220V	455	364
	DNY420		530	424

Technical data

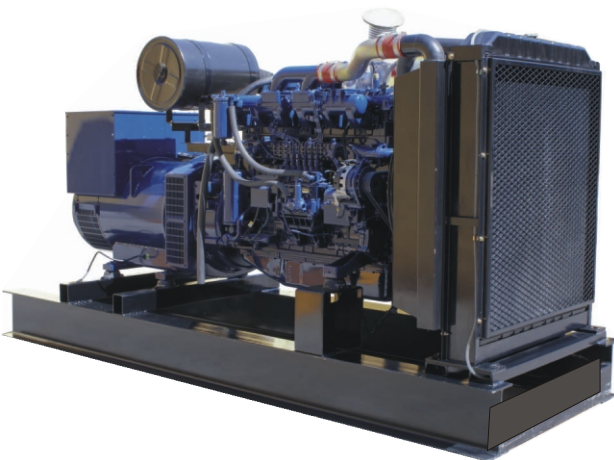
Engine Model:	P158LE
Number of Cylinders:	8 In "V"
Bore/Stroke:	128(5.04) x 142(5.59) mm(in)
Compression ratio:	15:01
Aspiration:	turbo & intercooled (air to air)
Displacement:	14.618(892.0) lts/in
Fuel consumption:	118.6 lts - 100% load
Frequency:	60 Hz
Engine Speed:	1800 rpm
Pressure system:	Max. 0.9 kg/cm ² (12.8 psi)
Water Flow:	410 lts/min.
Heat Rejection to Coolant:	40.1 kcal/sec
Air Flow:	31.1 m ³ /min
Exhaust Gas Flow:	91.3 m ³ /min
Exhaust Gas Temp:	606°C

Max. Permissible Restrictions

Intake System:	220mmH ² O initial - 635mmH ² O final	
Exhaust System:	600mmH ² O max	
Generating Set Model:	DNY360	DNY420
Alternator Model	HCI434E	HCI434F
Insulation System:	Class H	
Control System:	Separately excited by PMG	
AVR	MX341	

Dimensions and Weights

Length: cm	Width : cm	Heigth: cm	DNY360	
345	140	188	Dry: 2370 kgs Wet: 2627 kgs	
			DNY420	
			Dry: 2506 kgs Wet: 2763 kgs	



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