



VNE260 - VNE275 VNY225

Rating Definition

Prime Power - VNE260 - VNE275

Rating corresponds to ISO Standard Power for continuous operation. It is applicable for supplying electrical power at variable load for an unlimited number of hours instead of commercially purchase power. A 10% overload capability for governing purpose is available for this rating .

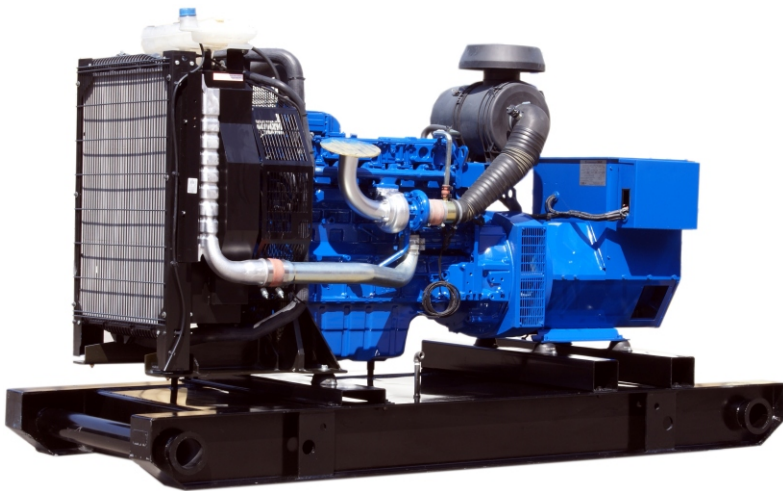
Standby Power - Model VNY225

Is applicable for supplying standby electrical power at variable load in areas with well establish electrical networks in the event of normal failure.

No overload capavility is available for this rating 1hp = 1kW-1.36

Note: the engine performance corresponds to ISO3046, BS5514 and DIN 6217.

Power output guaranteed within 0 to +2% att rated ambient conditions at delivery, Ratings are based on ISO8528.



Output Ratings				0.8 p.f)
Frequency	Models	Voltage	kVA	kWe
50 Hz	VNE260	380-415V	230 (125/40 ris)	184
50 Hz	VNE275	380-415V	250 (125/40 ris)	200
60 Hz	VNY225	440-220V	284 (163/27 ris)	277

Technical data		
Engine Model:	TAD734GE	
Number of Cylinders:	6 In-line	
Bore:mm (in)	108 (4.25)	
Stroke:mm (in)	130 (5.12)	
Displacement:ls(in³)	7.15 (436)	
Compression ratio:	17.0:1	
Performance	1500rpm-PRIME	1800rpm-Standb
With FankW(hp)	216 (293)	247 (336)
Lubrication system	1500rpm-PRIME	1800rpm-Standb
Oil consumption:lt/h(gal/h)	0.07 (0.003)	0.07 (0.003)
Total oil incl filters:liter)	29	29
Fuel system	1500rpm-PRIME	1800rpm-Standb
100% load g/kWh(lb/hph)	204 (0.331)	207 (0.336)
Intake & exhaust system	1500rpm-PRIME	1800rpm-Standb
Air consum:m³/min (cfm)	16.1 (569)	18.9 (667)
Max.restriction:kP (In wc)	3.0 (12.0)	3.0 (12.0)
Heat rejection to exhaust:W (BTU/min)	160 (9099)	189 (10748)
Exhaust gas temp:°C (°F)	495 (923)	510 (950)
Max.back-pressure:kP (In wc)	10 (40.2)	10 (40.2)
Exhaust gas flow:m³/min (cfm)	33.0 (1165)	37.9 (1338)
Cooling system	1500rpm-PRIME	1800rpm-Standb
Heat rejection rad from engine: kW (BTU/min)	24 (1365)	28 (1592)
Fan consum:lt/kW(hp)	9.2 (13)	15.8 (21)
Generating Set Model:	VNE260(VNE275)	VNY225
Alternator Model	UCI274J(UCI274k)	UCI274J
Insulation System:	Class H	
Control System:	Self exited	
AVR	MX341	

Length:cm	Width cm	Heigth:cm	VNE260	
280	105	152	Dry: 1802 kgs	Wet: 1826 kgs
			VNE275	
			Dry: 1679 kgs	Wet: 1703 kgs
			VNY225	
			Dry: 1802 kgs	Wet: 1826 kgs

Inyen, S.A. de C.V.

carlos.vargas@inyen.com.mx

ventas@inyen.com.mx

ventas3@inyen.com.mx