



# VNE360 - VNY300

## Rating Definition

### Prime Power - VNE360

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 .

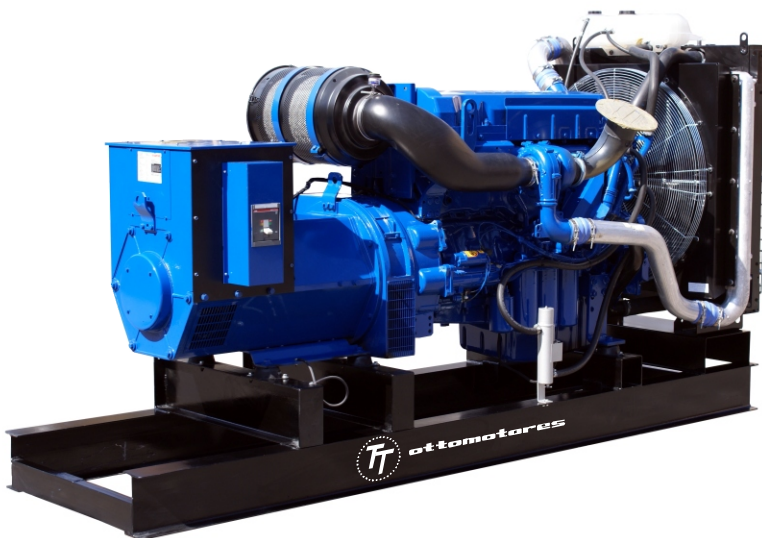
### Standby Power - Model VNY300

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	VNE360	380-415V	326 (125/40 risç)	260
60 Hz	VNY300	440-220V	379 (163/27 risç)	303

Technical data		
<b>Engine Model:</b>	TAD941GE	
<b>Number of Cylinders:</b>	6 In-line	
<b>Bore:mm (in)</b>	120 (4.72)	
<b>Stroke:mm (in)</b>	138 (5.43)	
<b>Displacement:ts(in<sup>3</sup>)</b>	9.36 (571)	
<b>Compression ratio:</b>	17.4:1	
<b>Performance</b>	<b>1500rpm-PRIMI:</b>	<b>1800rpm-Standb</b>
<b>With FankW(hp)</b>	279 (374)	326 (437)
<b>Lubrication system</b>	<b>1500rpm-PRIMI:</b>	<b>1800rpm-Standb</b>
<b>Oil consumption:lt/h(gal/h)</b>	0.05 (0.014)	0.06 (0.016)
<b>Total oil incl filter:lt(ter)</b>	33	33
<b>Fuel system</b>	<b>1500rpm-PRIMI:</b>	<b>1800rpm-Standb</b>
<b>100% load g/kWh(lb/hph)</b>	202 (0.327)	207 (0.336)
<b>Intake &amp; exhaust system</b>	<b>1500rpm-PRIMI:</b>	<b>1800rpm-Standb</b>
<b>Air consum:m<sup>3</sup>/min (cfm)</b>	17.7 (625)	23.8 (840)
<b>Max.restriction:P (In wc)</b>	5 (20.1)	5 (20.1)
<b>Heat rejection to exhaust:W (BTU/min)</b>	224 (12739)	260 (14786)
<b>Exhaust gas temp:C° (°F)</b>	519 (966)	494 (921)
<b>Max.back-pressur:P (In wc)</b>	10.0 (40.2)	10.0 (40.2)
<b>Exhaust gas flow:m<sup>3</sup>/min (cfm)</b>	46.5 (1642)	59.2 (2091)
<b>Generating Set Model:</b>	<b>VNE360</b>	<b>VNY300</b>
<b>Alternator Model</b>	HCI434E	HCI434D
<b>Insulation System:</b>	Class H	
<b>Control System:</b>	Self exited	
<b>AVR</b>	MX341	

Dimensions and Weights				
Length:cm	Width cm	Heigth:cm	VNE360	
290	111	163	Dry: 2227 kgs	Wet: 2277 kgs
			VNY300	
			Dry: 2143 kgs	Wet: 2193 kgs

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