

YDG
<i>Series</i>
2.7 - 5.5 kW



YDG Diesel Generator (Open Frame Type)

EPA Certified

Air Cooled Diesel Generator Performance

Model			Open Frame Type		
			YDG2700EE-6EH	YDG3700EE-6EI	YDG5500EE-6EI
Oil supply interval	Fuel oil	hrs	6.5	8	5.5
	Lube oil		58	65	70
Lubricating oil temperature			less than or equal 110 degree C		
Revolution	No Load max.		3750 + or - 50 rpm		
Speed regulation	Transient Speed	%	less than or equal to 10		
	Speed Drop	%	less than or equal to 6		
	Setting Time	seconds	less than or equal to 5		
Stability	Frequency Change	Hz	less than, + or - 1		
Inclination (continuous)		degrees	less than or equal to 10		
Noise at Continuous Rated Output (Average in 4 Directions)	db(A)	at 1 m distance	92	93	96
		at 7 m distance	80	82	85
Lowest Starting Temperature (electric)		degree C	less than or equal to minus 10		
Voltage Regulation		%	10		

Note: the power rating standards of Ynmar diesel engines conform to JIS B8013. JIS ratings are based on normal atmospheric conditions, which are defined as follows:

Standard Atmospheric Conditions:	JIS B8013-1977	Reference:
Intake Air Temperature	293 K (20 degree C)	ISO 3046/1-1986
Barometric Pressure	101.5 kPA (760 mm Hg)	198 K (25 degree C)
Relative Humidity	65%	100 kPA (750 mm Hg)
Fuel: Diesel fuel oil (BS 2869 class A1)		
Lubricating oil: API grade CC, SAE 10W-30		
Exhaust muffler: With exhaust silencer per std. spec.		
Air intake: with air cleaner as per std. spec.		