

**Specifications for YEG140 Generator**

Model		YEG140DSHS		YEG140DTHS	
Frequency(Hz)		50	60	50	60
<b>GENERATOR</b>	Output Stand-by power rating(kVA)	8.8	11	11.8	14
	Output Stand-by power rating(kW)	8.8	11	9.5	11.2
	Output Prime power rating(kVA)	8	10	10.8	12.7
	Output Prime power rating(kW)	8	10	8.6	10.2
	Voltage(V)	220,230,240	110/220(Dual)	380,400,415	380/220(Dual)
			120/240(Dual)		
	Current(Prime)(A)	36.4, 34.8, 33.3	90.9/45.5, 83.3/41.7	16.4, 15.6, 15.0	19.3/33.3
	Phase and wire	Single Phase, 2- wire	Single Phase, 3- wire(Dual)	3-phase, 4-wire	3-phase, 4- wire(Dual)
	Power factor(%)	100		80	
	Insulation class	Class F(Stator, rotor)			
	No. of poles	2			
Excitation	Brushless(with damper coil)AVR				
<b>Engine</b>	Type	Vertical, 4-cycle, water-cooled diesel			
	Model	3TNM68-HGB2B			
	No. of Cycles-bore x stroke(mm)	3-68 x 72			
	Displacement(lit.)	0.784			
	Continuous rating output(kW)	10.5	12.4	10.5	12.4
	Rated output(kW)	11.5	13.7	11.5	13.7
	Revolutions(min-1 (rpm))	3000	3600	3000	3600
	Combustion system	indirect injection(IDI)			
	Cooling system	Radiator			
	Lubricating system	Forced lubrication by trochoid pump			
	Aspiration	Natural Aspiration			
	Starting system	Electric starting			
	Fuel	Diesel fuel(BS2869A1 or equivalent)			
	Lubricating system	SAE 10W - 30, API class: CD or higher			
	Cooling water qty Engine(lit.)	1			
	Cooling water qty Radiator(lit.)	1.6			
	Lubricant qty Total(lit.)	3.2			
	Lubricant qty Effective(lit.)	1.5			
	Starting motor(V-kW)	12-1.2			
	Charging dynamo(V-A)	Dec-40			
Battery(5HR)(V-AH)	12 - 45(46B24)				
Fuel consumption(70% load)(lit./hr)	2.9	3.8	2.9	3.8	
<b>Unit</b>	Noise level(4/4 load 7m)(dB(A))	68	70	68	70
	Fuel tank capacity(lit.)	38			
	Dimension Length(mm)	1300			
	Dimension Width(mm)	640			
	Dimension Height(mm)	690			
	Dry weight(kg)	299			