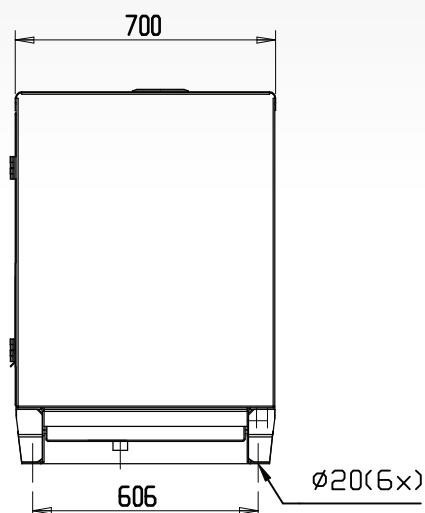
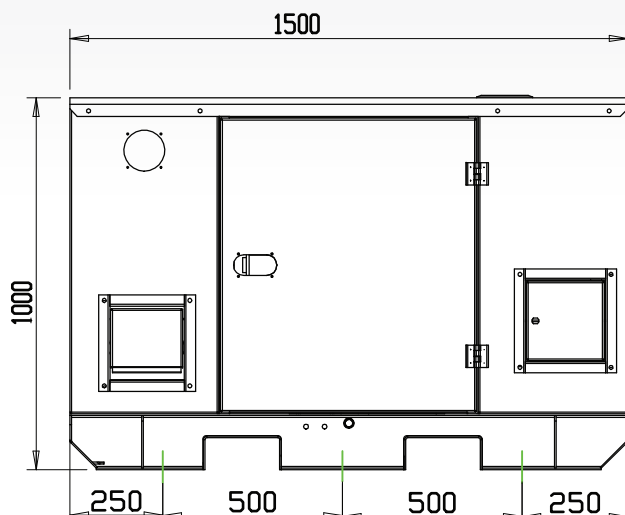


YTG8500

(8.5 kVA / 1-Phase / TNM Series)



Silent Type Dimension (mm)



Genset & Engine Specification

AC Generator Model			YTG8500	
Output rating (kVA)	50 Hz	380V	Prime	8.5
			Standby	9.3
	60 Hz	440V	Prime	10.5
			Standby	11.5
Rated current (A)	50 Hz	Prime		38.6
		Standby		42.5
	60 Hz	Prime		47.7
		Standby		52.5
Rated frequency / rated speed	50 Hz	3000 RPM		
	60 Hz	3600 RPM		
No. of poles	2 poles			
Phase and wire	1-Phase 2-Wire			
Power factor	1.0			
Voltage regulation	Within +/- 1.5 %			
Excitation	Brushless, Rotating Exciter (with AVR)			
Insulation	Class 'F'			
Approx dry weight (silent)	kg	700		
Sound Level dBA from 1 meter / 7 meter	dBA	78 / 68		
Approx dry weight (open)	kg	-		

Engine Model		3TNM72
Type of combustion chamber		Direct Injected
Air intake system		Natural Aspiration
Output rating (HP)	1500 RPM (50 Hz)	13.2
	1800 RPM (60 Hz)	15.5
Rated speed (50/60 Hz, rpm)		3000 / 3600
Bore (mm) x stroke (mm)		72 x 74
Piston displacement (cm ³)		903
No. of cylinders		3
Fuel		Diesel Fuel ASTM 2D
Fuel consumption (L/hr) at 100% load	50 Hz	2.9
	60 Hz	3.8
Lubricating oil capacity (L)		3.2
Coolant capacity (L)		2.6
Fuel tank capacity (L)	sound proof	55
	open skid	-
Starting motor (v-kW)		12 - 1.2
Charging generator (V-A)		12 - 40
Battery capacity (V-Ah)		12 - 65 x 1
Starting system		Electric Starting Motor
Cooling system		Radiator with fan
Lubricating system		Forced lubrication with trochoid pump

POWERED BY :

