

MODEL: IGNITE POWER IPY-10



10 kVA / 08 kW
POWERED BY YDO

DIESEL GENERATING SET 400/230V, 380/220V - 50 Hz

MODEL		IGNITE POWER IPY-10	
Power Pf. 0.8	Standby	kVA	11
		kW	09
	Prime	kVA	10
		kW	08

- High quality, reliable and complete power unit
- Compact design
- Easy start and maintenance possibility
- Every generating set is subject to a comprehensive test program which includes full load testing, checking and provision of all control and safety shut down functions testing
- Fully engineered with a wide range of options and accessories: Canopy, sound proof canopy and on - road trailer



ENGINE

YDO		
Model	YD380D	
Specification of Diesel Engine		
Aspiration and Cooling		Water Cooling
Total Displacement	Litre	1.357
No. of Cylinders and Build		3 - Vertical
Engine Speed	rpm	1500
Bore and Stroke	mmxmm	80 x 90
Compression Ratio		18:1
Governor		Mechanical
Fuel Consumption at full load	L/hr	3.0 (approx)
Fuel Tank Capacity	Litre	40 Liters
Oil Capacity	Litre	08
Flywheel Size		SAE 7.5"
Cooling Method		Forced Watercooling
Combustion Chamber Type		Direct Injector
Exhaust Temperature	(°C)	500

- ✚ YDO diesel engine
- ✚ Four stroke, water, cooled, turbo charged
- ✚ Direct injection fuel system
- ✚ Mechanical Governor system
- ✚ 12 V starter motor
- ✚ Replaceable fuel filter, oil filter and dry element air filter
- ✚ Cooling radiator and fan
- ✚ Starter battery including Rack and Cables
- ✚ Flexible fuel connection hoses and manual oil sump drain valve
- ✚ Industrial capacity exhaust silencer and steel bellows
- ✚ Jacket water heater (at automatic models) Optional
- ✚ Operation manuals

ALTERNATOR



Design	Brushless single bearing, revolving field
Stator	2/3 pitch
Rotor	Single bearing, flexible disc
Insulation System	Class H
Standard Temperature Rise	125 - 163°C Continuous
Exciter Type	Self Excited
Phase Rotation	Clockwise
Alternator Cooling	Direct drive centrifugal blower fan
AC Waveform Total Harmonic Distortion	No load < 1.5 - 3%.
Telephone Influence Factor (TIF)	<50
Telephone Harmonic Factor (THF)	<2%

- ✚ Brushless, single bearing system, flexible disc, 4 poles
- ✚ Insulation class H
- ✚ Standard degree of protection IP21/IP23
- ✚ Self-exciting and self-regulating
- ✚ Impregnation with tropicalised epoxy varnish
- ✚ Solid state Automatic Voltage Regulator
- ✚ Stator winding with 2/3 pitch for improved harmonics