IPS66YD

YANGDONG

DIESEL GENERATOR SET

50 Hz

SERVICE		STAND BY	PRIME
Power	*kVA*	66	60
Power	*kW*	52,8	48
Speed	*r.p.m*	1500	
Standart Voltage	*V*	400/231	
Power Factor	*Cos Phi*	0,8	

Prime Power (PRP)

According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2005, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

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IDEA GLOBAL POWER SYSTEMS

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ENGINE

		SPECIFICATIONS
Manufacturer		YANGDONG
Model		Y4105ZLD
Cylinder Configuration		IN-LINE
No of Cylinders		4
Displacement		4,087
Bore		118
Stroke		105
Compression Ratio		18
Aspiration Type		Turbo-charged
Governor Type		Electronic
Cooling System		Water
Coolant Capacity	*lt*	7,2
Lubrication Oil Capacity	*lt*	13
Electrical System (DC)		12
Speed/ Frequency	*rpmz*	1500/50
Engine Gross Power	*kW*	60 KW
Fuel Consumption %110 ESP	*lt*	-
Fuel Consumption %100 ESP	*lt*	14,72
Fuel Consumption %75 ESP	*lt*	11,69
Fuel Consumption %50 ESP	*lt*	8,66
Exhaust Outlet Temperature	*°C*	550
Exhaust Gas Flow	*m3/min*	11,15
Combustion Air Flow	*m3/min*	TBA
Cooling Air Flow	*m3/min*	TBA

ALTERNATOR

	SPECIFICATIONS
Number Of Phases	3
Power Factor	0,8
No of Bearings	Single
No of Poles	4
No of Leads	6-12
Insulation Class	H
Degree of Protection	IP23
Excitation System	AVR

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OPTIONAL GENSET CONTROLLERS

Next generation single gen-set controllers for Stand-by and Prime power applications combining multi-functionality and wide communication with EFI engines.

Datakom SMART 200

Datakom D500

Datakom D500-GSM

EMKO Trans-AUTO

DEEPSEA 7320

ComAp AMF25

	Datakom SMART 200	Datakom D500	Datakom D500-GSM	Deepsea 6120	Deepsea 7320	ComAp AMF25	EMKO Trans-AUTO
Automatic Mains Monitoring	✓	✓	✓	✓	✓	✓	✓
Manuel Start	✓	✓	✓	✓	✓	✓	✓
Remote Start	OPTIONAL	OPTIONAL	✓	X	OPTIONAL	OPTIONAL	OPTIONAL
Remote Monitoring With Sim Card	X	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
1 Additional Option (Horn, Oil-Fuel Heater Etc.)	✓	✓	✓	✓	✓	✓	✓
Light Warning And Mimic Diagram	✓	✓	✓	✓	✓	✓	✓
Battery Charger	✓	✓	✓	✓	✓	✓	✓
Rs-485 Communication	OPTIONAL	✓	✓	X	✓	OPTIONAL	✓
Ethernet (Tcp-Ip) Communication	X	✓	✓	X	OPTIONAL	OPTIONAL	OPTIONAL

GENSET CONTROLLERS FOR SYNCHRONIZATION SYSTEMS

Next generation synchronizing genset controller capable of every communication and functionality.

Datakom D500 MK2

Datakom D700

DEEPSEA 8610

DEEPSEA 8620

DEEPSEA 8660

ComAp InteliCompact NT SPtM

ComAp InteliGen BaseBox

ComAp InteliGen 200

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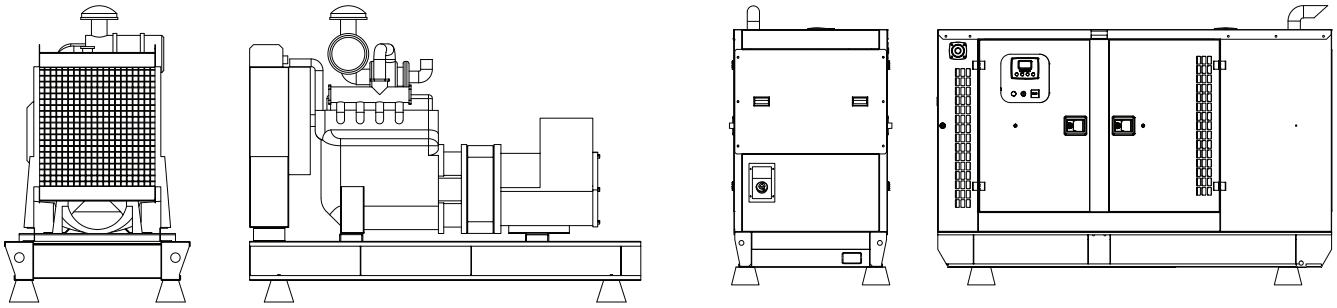
DIMENSIONS



OPEN TYPE

WxLxH	*mm*	890 x 1900 x 1120
Weight	*kg*	905
Fuel Tank Capacity	*lt*	N/A

CANOPIED

WxLxH	*mm*	890 x 2600 x 1450
Weight	*kg*	1115
Fuel Tank Capacity	*lt*	N/A

SOUND PROF CANOPIED

- Special design for minimizing acoustic level
- Galvanized steel construction further protected by polyester powder coat paint
- Black finish stainless steel locks and hinges
- Control panel viewing window in a lockable access door
- Emergency stop push button (red) mounted on enclosure exterior
- Lifting, drag and jacking points on base frame
- Radiator fill via removable, flush mounted rain cap fitted with compression seal

OPTIONAL EQUIPMENTS

Some of our Optional Equipments which can be provided with Generator Sets But not limited to;

- Medium voltage alternator
- Remote radiator applications
- External fuel tanks. Automatic and Manuel fuel filling system from external fuel tanks
- Fuel tank heater, oil pan heater,Anti-condensation heater
- Alternator with PMG (Permanent Magnet Generator)
- Synchronization systems
- Double Walled Fuel Tanks
- Container type canopy
- Lube oil and fuel drain pumps
- Trailer
- Remote monitoring options on the control panel

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