

11 kVA - 17 kVA

ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IEC 60335-1:2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N YD XX 0011	N YD XX 0013	N YD XX 0017
GROUP	GEN-SET POWER	STAND BY	kVA	11	13	17
			kW	8,8	10,4	13,6
		PRIME	kVA	10	12	15
			kW	8	9	12
	CANOPY DIMENSION (W x L x H) mm			900 x 1700 x 1220	900 x 1700 x 1220	900 x 1700 x 1220
	CANOPY WEIGHT kg			622,9	649	670
	OPEN DIMENSION (W x L x H) mm			900 x 1400 x 1220	900 x 1400 x 1220	900 x 1400 x 1220
	OPEN WEIGHT			475,9	502	524
ENGINE	BRAND			YANG DONG	YANG DONG	YANG DONG
	TYPE			YD380D	YD385D	YD480D
	POWER	STAND BY	kW	11	12	15,4
		PRIME	kW	10	11	14
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			1,357	1,532	1,809
	NUMBER OF CYLNDERS			3 IN LINE	3 IN LINE	4 IN LINE
	BORE x STROKE (mm x mm)			80 x 90	85 x 90	80 x 90
	COMPRESSION RATIO			18 : 1	18 : 1	18 : 1
	GOVERNOR TYPE			MECHANIC / ELECTRONIC		ELECTRONIC
	INDUCTION			NATURAL		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		3,1	3,55	4,22
		%75 PRIME POWER		2,86	3,12	3,43
		%50 PRIME POWER		2,23	2,54	2,74
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			4,5	4,5	5
	TOTAL COOLANT CAPACITY (lt)			11	11,1	11,3
	FUEL TANK CAPACITY (lt)			82	82	82

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