



IF WE WON'T USE IT
WE WON'T SELL IT

DIESEL & PETROL GENERATORS

EDGE RURAL SUPPLIES GENERATOR CATALOGUE

Includes

IN OUR CATALOGUE

YANGDONG DIESEL GENERATORS &
JP SERIES PETROL GENERATORS

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DIESEL GENERATORS

YANGDONG SERIES



YANGDONG



YANGDONG



YANGDONG

REMARK

A. SCOPE OF STANDARD SUPPLY

1. Brand New engine and brushless AVR controlled alternator with standard automatic & digital control panel;
2. MCCB (Circuit Breaker), Emergency stop button, Low oil pressure shutdown, High engine temperature shutdown;
3. Rubber Anti Vibration Mounts and Skid base frame with 8-10 hours' integral fuel tank;
4. Genset equipped with battery charger and 12/24V high performance lead acid starting batteries and connecting with cables;
5. Genset equipped with industrial silencer and flexible exhaust hose;
6. Genset equipped with fan and closed circuit cooled radiator (50°);
7. Genset with filtering systems including air filter, fuel filter & lube-oil filter;

B. OPTIONAL ITEMS

1. ATS (Automatic Transfer Switch)
2. Brand ABB Circuit Breaker and 52°, 55° Radiator;
3. Residential Silencer, Water Preheater, Oil Preheater and Alternator Space Preheater;
4. Deepsea, ComAp, Datakom, Smartgen, Harsen Control Panel;

B. QUALITY STANDARD

All Models are tested within 25°C air inlet temperature, 1500m (500 ft.) A.S.L. 60% relative humidity. The genset coincident to the standard of GB2820, GB1105, ISO8528, ISO3046, IEC60034, SAEJ1394, BS5000, NEMA MG-1/22, DIN6271, DIN6280, VDE0530 and ISO9001.

D. FACTORY TEST

Each of our generating sets must be got through 1-hour load test for running 0%, 25%, 50%,75%,100% and 110% load before dispatch, all protective devices, control functions are simulated and its system checked, proved and then passed for dispatch.

E. WARRANTY

1000 hours or 12 months whichever comes first.

DIESEL GENERATOR MODEL	JY-10	JY-13	JY-15	JY-20
VOLTAGE	240V/50Hz	240V/50Hz	240V/50Hz	240V/50Hz
PRIME POWER	8Kw/10Kva	10Kw/12.5Kva	12Kw/15Kva	16Kw/20Kva
STANDBY POWER	8.8Kw/11Kva	11Kw/14Kva	13Kw/16.5Kva	18Kw/22Kva
GENERAL TECHNICAL DATA				
ENGINE MANUFACTURER	YANGDONG	YANGDONG	YANGDONG	YANGDONG
ENGINE MODEL	YD380D	YD480D	Y495D	YD490D
CONTROL SYSTEM	Smartgen	Smartgen	Smartgen	Smartgen
CONTROL MODEL	HGM6110N	HGM6110N	HGM6110N	HGM6110N
ENGINE TECHNICAL DATA				
ENGINE MODEL	YD380D	YD480D	Y495D	YD495D
NUMBER OF CYLINDERS	3	4	4	4
CYLINDER ARRANGEMENT	Vertical in-line	Vertical in-line	Vertical in-line	Vertical in-line
CYCLE	Four stroke	Four stroke	Four stroke	Four stroke
BORE & STROKE (mm)	80*90mm	80*90mm	85*90mm	90*95mm
DISPLACEMENT	1.357L	1.809L	2.043L	2.422L
PRIME POWER/SPEED (Kw/rpm)	10Kw/1500	13Kw/1500	15Kw/1500	21Kw/1500
SPEED GOVERNOR	Mechanical	Mechanical	Mechanical	Mechanical
COOLING SYSTEM	Forced Water Cooling Cycle	Forced Water Cooling Cycle	Forced Water Cooling Cycle	Forced Water Cooling Cycle
STEADY SPEED DROOP (%)	≤1%	≤1%	≤1%	≤1%
STARTER MOTOR	DC12V	DC12V	DC12V	DC12V
FUEL CAPACITY	50L	54L	66L	66L
RUNNING TIME	20hrs	18hrs	14.6hrs	12hrs
ALTERNATOR DETAILS				
ALTERNATOR MANUFACTURER	Copy Stamford	Copy Stamford	Copy Stamford	Copy Stamford
ALTERNATOR MODEL	164B	164C	184E	184E
MCCB MANUFACTURER	CHINT	CHINT	CHINT	CHINT
MCCB MODEL	NCM	NCM	NCM	NCM
EXCITER TYPE	Brushless, Self-excited	Brushless, Self-excited	Brushless, Self-excited	Brushless, Self-excited
RATED OUTPUT PRIME POWER	8.8Kw/11Kva	10.8Kw/13.5Kva	16Kw	18Kw/22.5Kva
RATED SPEED	1500RPM	1500RPM	1500RPM	1500RPM
RATED FREQUENCY	50Hz	50Hz	50Hz	50Hz
PHASE	1	1	1	1
RATED VOLTAGE	240V	240V	240V	240V
POWER FACTOR	0.8	0.8	0.8	0.8
VOLTAGE ADJUST RANGE	≥5%	≥5%	≥5%	≥5%
VOLTAGE REGULATION NL-FL	≤+1%	≤+1%	≤+1%	≤+1%
INSULATION GRADE	H	H	H	H
PROTECTION GRADE	IP21	IP21	IP21	IP21
DIMENSIONS				
OPEN (LxWxH) mm	1200x700x980	1300x700x980	1500x750x1020	1400x750x980
SILENT (LxWxH) mm	1900x800x1000	1900x800x1000	2050x870x1000	2050x850x1000
WEIGHT - OPEN	380KG	450KG	620KG	630KG
WEIGHT - SILENT	600KG	650KG	800KG	850KG
PRICES - GST INCLUSIVE				
OPEN				
SILENT				

Prices Subject to change due to currency fluctuations without notice.

1. Prime Power: ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity.
2. Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.
3. Operation at Altitude ≤1500m, Ambient temperature ≤40°C) If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

PETROL GENERATORS

JP SERIES



JP 5000



JP 8000



JP 10000

PETROL GENERATORS	JP5000	JP8000	JP10000
MAX POWER OUTPUT	3000 Watts	6500 Watts	9500 Watts
RATED POWER OUTPUT	2700 Watts	6000 Watts	8500 Watts
GENERATOR SPECIFICATIONS			
VOLTAGE	240V	240V	240V
MAX CURRENT	12.5A	27A	35A
FREQUENCY	50Hz	50Hz	50Hz
NO PHASE	1	1	1
NOISE LEVEL	94 db @ 4m	97 db @ 4m	≤ 70 db @ 7m
ENGINE SPECIFICATIONS			
POWER OUTPUT	7.0HP	15HP	18HP
DISPLACEMENT	208cc	420cc	678cc
SPEED	3000rpm	3000rpm	3600rpm
FUEL TYPE	Petrol	Petrol	Petrol
FUEL TANK CAPACITY	13L	23.5L	25L
RUNNING TIME	7.5hrs	8hrs	6hrs
STARTING SYSTEM	Manual	Manual/Electric	Electric
LUBRICATION OIL	SAE10W/30	SAE10W/30	SAE10W/30
LUBRICATION OIL VOLUME	0.6L	1.1L	1.5L
NW/GW	44/46KGS	77/80KGS	160KGS NW
PRICES GST INCLUSIVE			

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