



JAFFER POWER



15kVA to 250kVA

Locally Assembled

Powered by — 

Engines



Alternator



Controls



GENERAL INFORMATION

GENSET Model	JP18YC	JP22YC	JP33YC	JP44YC
Prime Rated KVA/KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW
Standby Rated KVA/KW	16.5KVA/13KW	22KVA/18KW	33KVA/27KW	44KVA/36.2KW
ENGINE	YANGDONG	YANGDONG	YANGDONG	YANGDONG
ALTERNATOR	XINYUTONG	XINYUTONG	XINYUTONG	XINYUTONG
CONTROL MODULE	Deep Sea	Deep Sea	Deep Sea	Deep Sea
Voltage	230/400	230/400	230/400	230/400
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Prime Rated Current	21.6	29	43	58

ENGINE TECHNICAL DATA

Engine brand	YANGDONG	YANGDONG	YANGDONG	YANGDONG
Engine ref.	YD480E	YD490E	YD495E	YD4100E
Number of cylinders	4	4	4	4
Displacement (L)	1.809	2.677	2.977	3.707
Cooling method	WATERCOOLED	WATERCOOLED	WATERCOOLED	WATERCOOLED
Speed (RPM)	1500	1500	1500	1500
Governor type	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
Starting System	Self Start	Self Start	Self Start	Self Start
Fuel Type	DIESEL	DIESEL	DIESEL	DIESEL
Oil capacity (L)	5	8	8	13

FUEL CONSUMPTION

Consumption@110% L/H	3.4	4.4	5.5	8.2
Consumption@100% L/H	2.8	4.0	5.0	7.5
Consumption@50% L/H	1.6	2.0	2.6	3.8

ALTERNATOR TECHNICAL DATA

Alternator	XINYUTONG	XINYUTONG	XINYUTONG	XINYUTONG
Insulation	H	H	H	H
IP Rating	IP 23	IP 23	IP 23	IP 23
Excitation System	Self Excited	Self Excited	Self Excited	Self Excited
Voltage Regulation	±0.5%	±0.5%	±0.5%	±0.5%

DIMENSION CANOPIED

Length	6 Ft	6 Ft	6 Ft	6 Ft
Width	2.75 Ft	2.75 Ft	2.75 Ft	2.75 Ft
Height (H)	4.25 Ft	4.25 Ft	4.25 Ft	4.25 Ft
Wet Weight	630 KG	780 KG	920 KG	1100 KG
Fuel Tank Capacity	50 L	50 L	50 L	80 L

Prime Power These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Warranty A standard one year or 1000-hour (whichever comes earlier). This generator is covered against manufacturing and workmanship defects.



GENERAL INFORMATION

GENSET Model	JP17PL	JP22PL	JP33PL	JP50PL	JP66PL
Prime Rated KVA/KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	45KVA/36KW	60KVA/48KW
Standby Rated KVA/KW	16.5KVA/13KW	22KVA/18KW	33KVA/26KW	50KVA/40KW	66KVA/53KW
ENGINE	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
ALTERNATOR	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER
CONTROL MODULE	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea
Voltage	230/400	230/400	230/400	230/400	230/400
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Prime Rated Current	21.6	28.8	43.2	64.8	86.4

ENGINE TECHNICAL DATA

Engine brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Engine ref.	403A-15G2	404D-22G	1103A-33G	1103A-33TG1	1103A-33TG2
Number of cylinders	3	4	3	3	3
Displacement (L)	1.5	2.2	3.3	3.3	3.3
Cooling method	WATERCOOLED	WATERCOOLED	WATERCOOLED	WATERCOOLED	WATERCOOLED
Speed (RPM)	1500	1500	1500	1500	1500
Governor type	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL
Starting System	Self Start	Self Start	Self Start	Self Start	Self Start
Fuel Type	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL
Oil capacity (L)	6	10.6	8.3	8.3	8.3

FUEL CONSUMPTION

Consumption@110% L/H	4.7	5.9	7.7	11.7	14.9
Consumption@100% L/H	4.1	5.3	7.0	10.5	13.6
Consumption@50% L/H	2.3	2.9	3.8	5.5	7.1

ALTERNATOR TECHNICAL DATA

Alternator	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER
Insulation	H	H	H	H	H
IP Rating	IP 23	IP 23	IP 23	IP 23	IP 23
Excitation System	Self Excited	Self Excited	Self Excited	Self Excited	Self Excited
Voltage Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%

DIMENSION CANOPIED

Length	4.59 Ft	4.95 Ft	5.48 Ft	5.74 Ft	5.97 Ft
Width	2.46 Ft	2.46 Ft	2.46 Ft	2.46 Ft	2.46 Ft
Height (H)	3.44 Ft	3.44 Ft	3.94 Ft	3.94 Ft	3.94 Ft
Wet Weight	560 KG	630 KG	830 KG	880 KG	900 KG
Fuel Tank Capacity	50L	50L	50L	50L	80L

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GENERAL INFORMATION

GENSET Model	JP88PL	JP110PL	JP165PL	JP220PL	JP275PL
Prime Rated KVA/KW	80KVA/64KW	100KVA/80KW	150KVA/120KW	200KVA/160KW	250KVA/200KW
Standby Rated KVA/KW	88KVA/70KW	110KVA/88KW	165KVA/132KW	220KVA/176KW	275KVA/220KW
ENGINE	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
ALTERNATOR	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER
CONTROL MODULE	Deep Sea	Deep Sea	Deep Sea	Deep Sea	Deep Sea
Voltage	230/400	230/400	230/400	230/400	230/400
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Prime Rated Current	115.2	144	216	288	360

ENGINE TECHNICAL DATA

Engine brand	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
Engine ref.	1104A-44TG2	1104C-44TAG2	1106A-70TAG2	1106A-70TAG4	1506A-E88TAG3
Number of cylinders	4	4	6	6	6
Displacement (L)	4.4	4.4	7	7	8.8
Cooling method	WATERCOOLED	WATERCOOLED	WATERCOOLED	WATERCOOLED	WATERCOOLED
Speed (RPM)	1500	1500	1500	1500	1500
Governor type	MECHANICAL	ELECTRONIC	MECHANICAL	ELECTRONIC	ECM
Starting System	Self Start	Self Start	Self Start	Self Start	Self Start
Fuel Type	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL
Oil capacity (L)	8	8	16.5	16.5	39

FUEL CONSUMPTION

Consumption@110% L/H	20.1	23.9	35.1	49.0	56.0
Consumption@100% L/H	18.2	21.7	32.4	45.1	51.3
Consumption@50% L/H	9.5	11.6	16.7	23.3	28.8

ALTERNATOR TECHNICAL DATA

Alternator	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER	LEROY SOMER
Insulation	H	H	H	H	H
IP Rating	IP 23	IP 23	IP 23	IP 23	IP 23
Excitation System	Self Excited	Self Excited	Self Excited	Self Excited	Self Excited
Voltage Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%

DIMENSION CANOPIED

Length	6.43 Ft	6.73 Ft	7.48 Ft	7.87 Ft	8.37 Ft
Width	2.46 Ft	2.46 Ft	2.69 Ft	2.69 Ft	3.12 Ft
Height (H)	3.94 Ft	4.17 Ft	4.72 Ft	4.82 Ft	5.25 Ft
Wet Weight	1080 KG	1080 KG	1600 KG	1800 KG	2430 KG
Fuel Tank Capacity	150L	180L	260L	350L	425L

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