

PRODUCT CATALOGUE 2022

Generator and Water Pumps

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JEBEL





JEBEL has a high performance in the manufacture of generator sets, auto transfer systems and parallel control panels according to the international and state technological standards. We have special and creative design in the areas of applications, electronic control system, anti-vibration and appearance.

We design and produce both standard and customized generator sets with power outputs covering 8 to 2,000kVA. These include both small standby sets suitable for domestic use and large units which are mini power stations in their own right. Our R&D Department is continuously striving to design innovatively so that our products technology and quality remain at the forefront of this industry in China.

We produce generator sets for both prime and standby power needs. All JEBEL generator sets, including open type, canopied type and containerized type, should go through the same exact and rigorous test and evaluation. In places where uninterrupted power is indispensable, we provide standby and continuous power for business and domestic customers.



To be the most admired organisation offering world class Power Generation, Distribution equipment's and Solutions by ensuring "Customer Delight".



MISSION

To go beyond power generation & the distribution equipment market with high standards for technology, integrity and professionalism.

AFTER SALES SUPPORT

At JEBEL we engineer solutions which are durably efficient. To completely back that we assure of 24x7 after sales service support . Our team of technicians are thoroughly trained and experience and always prepared to be at our service We regularly train our after sales team and they are the best trouble shooters in their sphere. Our promptness, efficiency and world class technology is our hallmark shared by our after sales team is the Reason why, we have one of the largest repeat order customer base.





JBG1000X

- Maximum output is 1.0kw(Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:0.85kw
60HZ:1.0kw



JBG2500X

- Maximum output is 2.2kw(Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:2.0kw
60HZ:2.2kw



JBG3000X

- Maximum output is 2.8KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:2.5kw
60HZ:2.8kw

GASOLINE GENERATORS



JEBEL



JBG3000E

- Maximum output is 2.8KW (Single phase)
- Powerful gasoline engine
- Low oil alarm system shuts down the engine automatically
- Rated output-50HZ:2.5kw
60HZ:2.8kw
- Electric starter with battery and wheels



JB3800E

- Maximum output is 2.8KW (Single phase)
- Powerful gasoline engine
- Low oil alarm system shuts down the engine automatically
- Rated output-50HZ:2.5kw
60HZ:2.8kw
- Electric starter with battery and wheels



JB3800X

- Maximum output is 2.8KW (Single phase)
- Powerful gasoline engine
- Low oil alarm system shuts down the engine automatically
- Rated output-50HZ:2.5kw
60HZ:2.8kw
- Electric starter with battery and wheels



JBG6000E

- Maximum output is 5.5KW (Single phase)
- ·Auto depression unit and electric starter ensure comfortable and quick starting
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:5.0KW
60HZ:5.5KW
- ·Electric starter with battery and wheels



JBG7000E

- Maximum output is 7.0KW (Single phase)
- ·Powerful gasoline engine
- ·Auto depression unit and electric starter ensure comfortable and quick starting
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:6.0KW
60HZ:7.0KW
- ·Electric starter with battery and wheels



JBS1000

- Maximum output is 1.0KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Rated output : 50HZ:0.85KW
60HZ:1.0KW

GASOLINE GENERATORS



JEBEL



JBS2500

- Maximum output is 2.2KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput-50HZ:0.85KW
60HZ:2.2KW



JBS3000X

- Maximum output is 2.8KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput-50HZ:2.5KW
60HZ:2.8KW



JBS3000E

- Maximum output is 2.8KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput-50HZ:2.5KW
60HZ:2.8KW



JBS6000E

- Maximum output is 5.5KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput : 50HZ:5.0KW
60HZ:5.5KW
- ·Electric starter with battery and wheels



JBS7000E

- Maximum output is 5.5KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput : 50HZ:5.0KW
60HZ:5.5KW
- ·Electric starter with battery and wheels



JB8800E

- Maximum output is 7.0KW (Single phase)
- ·Powerful gasoline engine
- ·Low oil alarm system shuts down the engine automatically
- ·Ratedoutput : 50HZ:6.0KW
60HZ:7.0KW

DIESEL GENERATORS



JEBEL



JBD6700E

- Maximum output is 5.5KVA(Single phase)
- A new AVR (Automatic Voltage Regulator)delivers non-fluctuating power
- Powerful diesel engine
- Low oil alarm system shuts down the engine automatically
- Rated output : 50HZ:5.0KVA
60HZ:5.5KVA
- Auto depression unit ensures quick starting



JBD6700TA

- Maximum output is5.0KVA(Single phase)
- A new AVR (Automatic Voltage Regulator)delivers non-fluctuating power
- Powerful diesel engine
- Electric starter ensures easy starting
- Low oil alarm system shuts down the engine automatically
- Closed structure ensures silent running
- Rated output:50HZ:4.5KVA
60HZ:5.0KVA
- Auto depression unit ensures quick starting



GWP20

- ·Water pump
- ·Outlet Size(mm/inch) : 50/2
- ·Intet Size(mm/inch) : 50/2
- ·total Lift(m):28
- ·Max.sution(m):8
- ·Max.capacity(L):3.6
- ·Engine :
- ·Continuous Operating Hours(h):2.8
- ·Fuel Tank Capacity(L):3.6

GWP30

- ·Water pump :
- ·Outlet Size(mm/inch) : 80/3
- ·Intet Size(mm/inch) : 80/3
- ·total Lift(m):26
- ·Max.sution(m):8
- ·Max.capacity(L/min):1000
- ·Engine :
- ·Continuous Operating Hours (h) : 2.4
- ·Fuel Tank Capacity (L) : 3.6Capacity(L):3.6

GWP40

- ·Water pump :
- ·Outlet Size(mm/inch) : 100/4
- ·Intet Size(mm/inch) : 100/4
- ·total Lift(m):16
- ·Max.sution(m):8
- ·Max.capacity(L/min):1600
- ·Engine :
- ·Continuous Operating Hours (h) : 2.4
- ·Fuel Tank Capacity (L) : 6

WATER PUMPS



GWP15H

- High Pressure Water pump :
- ·Outlet Size(mm/inch) : 40/1.5
- ·Intet Size(mm/inch) : 40/1.5
- ·total Lift(m):60
- ·Max.sution(m):8
- ·Max.capacity(L/min):300

- ·Engine :
- ·Continuous Operating Hours (h) : 2.8
- ·Fuel Tank Capacity (L) : 3.6

GWP20H

- ·High Pressure Water pump :
- ·Outlet Size(mm/inch) : 50/2
- ·Intet Size(mm/inch) : 50/2
- ·total Lift(m):50
- ·Max.sution(m):8
- ·Max.capacity(L/min):400

- ·Engine :
- ·Continuous Operating Hours (h) : 2.4
- ·Fuel Tank Capacity (L) : 3.6

GWP30H

- ·High Pressure Water pump :
- ·Outlet Size(mm/inch) : 80/3
- ·Intet Size(mm/inch) : 80/3
- ·total Lift(m):80
- ·Max.sution(m):7
- ·Max.capacity(L/min):700

- ·Engine :
- ·Continuous Operating Hours (h) : 2.4
- ·Fuel Tank Capacity (L) : 6



DWP20

- Water pump :
- Outlet Size(mm/inch) : 50/2
- Intet Size(mm/inch) : 50/2
- total Lift(m):28
- Max.sution(m):8
- Max.capacity(L/min):600
- Engine :
- Continuous Operating Hours (h) : 2.6
- Fuel Tank Capacity (L) : 2.5

DWP30

- Water pump :
- Outlet Size(mm/inch) : 80/3
- Intet Size(mm/inch) : 80/3
- total Lift(m):26
- Max.sution(m):8
- Max.capacity(L/min):1000
- Engine :
- Continuous Operating Hours (h) : 2.6
- Fuel Tank Capacity (L) : 3.5

DWP40

- Water pump :
- Outlet Size(mm/inch) : 100/4
- Intet Size(mm/inch) : 100/4
- total Lift(m):19
- Max.sution(m):4
- Max.capacity(L/min):1600
- Engine :
- Continuous Operating Hours (h) : 2.4
- Fuel Tank Capacity (L) : 5.5



KWP20/KWP30

- Water pump :
- Outlet Size(mm/inch) : 50/2 , 80/3
- Inlet Size(mm/inch) : 50/2 , 80/3
- total Lift(m):26/28
- Max.suction(m):8/8
- Max.capacity(L/min):550/1000

- Engine :
- Continuous Operating Hours (h) :2.8/2.4
- Fuel Tank Capacity (L) : 3.6/3.6



WE PROVIDE PERKINS ENGINE GENERATOR RANGING FROM 10 KVA - 2000 KVA.

This is the specification for 15kva perkins engine diesel gen set

Diesel Generator Set	
Engine Make /Model	PERKINS 403A-15G1
Alternator Make /Model	Leroy Somer TAL-040-C
Control Panel	DSE 4520
Base Frame / Silent Canopy	Robust Structure/ Corrosion Resistant
Circuit Breaker Type	3 Pole MCCB (4P Available as optional)
Built in Base Fuel Tank Capacity	100L
Battery	Maintenance free Lead Acid

Dimensions	Length (mm)	Width (mm)	Height (mm)	Weight (KG)
Close Type	2000	900	1180	810
Open Type	1200	750	1100	430

ENGINE SPECIFICATIONS	
Engine Make Model	PERKINS 403A-15G1
No. of Cylinders	3 vertical in-line
Cycle	4 Stroke
Aspiration	Naturally Aspirated
Cooling Method	Water cooled
Governing Type	Mechanical
Governing Class	G2 - ISO 8528 Part 1
Compression Ratio	22.5:1
Displacement	1.496 L
Bore/Stroke	84 x 90 mm
Dynamic Charging Alternator	15AMP, 12V

LUBRICATION SYSTEM	
Oil Filter Type	Spin-On Full Flow
Total Oil Capacity	4.9 L
Oil Type	API-CH-4 or ACEA E5

AIR SYSTEM	
Air Filter Type	Dry Element
Combustion Air Flow (PRP)	1.10 m ³ /min
Combustion Air Flow (ESP)	1.10 m ³ /min
Max Air Filter Intake Restriction	6.4 kPa

COOLING SYSTEM	
Total Coolant Capacity (L)	6 L
Cooling Fan Air Flow	36.6 m ³ / min
Radiator Fan Load	0.2 kW
Cooling system design	50°C
Heat Radiation to Room (PRP)	3.5 kW

Exhaust System	
Muffler Type	Industrial Grade
Max. Back Pressure	10.2 kPa
Exhaust Gas Flow (PRP/ESP)	2.70/2.90 m ³ / min
Exhaust Gas Temperature	≤ 490°C

Comply with Standards
ISO 3046, BS 5514, DIN 6271, NEMA-MGI, DIN EN, BS 5000, IEC 60034, IEC 60947-2

Powered By:

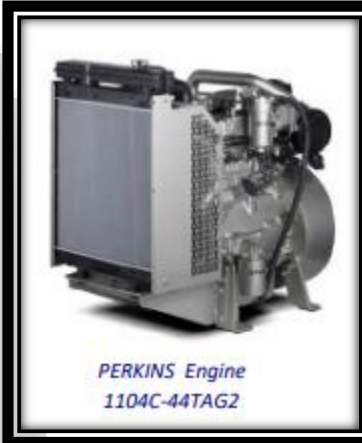






PERKINS ENGINE GEN SET TECHNICAL DATA SHEET

PERKINS ENGINE GEN SET TECHNICAL DATA SHEET



Engine Fuel System

Recommended Fuel	Class A2 Diesel
Fuel Consumption Standby	4.1 L/hr
Fuel Consumption 100% PRP	3.7 L/hr
Fuel Consumption 75% PRP	2.8 L/hr
Fuel Consumption 50% PRP	2.0 L/hr



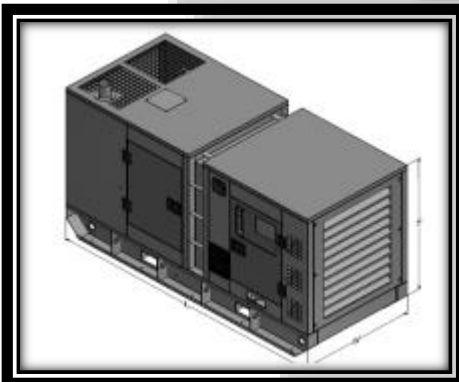
ALTERNATOR SPECIFICATIONS

Alternator Make /Model	Leroy Somer TAL-040-C
AVR Model	R120
Number of Poles	4
Number of Winding Leads	6
Type of Bearing	Single Bearing
Insulation Class - Temp Rise	Cont. H - 125/40°C
Ingress Protection Rating	IP 23
Excitation System	Self Excited
Voltage Regulation	+ 1%
Harmonic Coefficient THF	< 3.5%
Tel. influence TIF	< 50
Cooling air flow	0.06 m ³ /Sec



Controller Make & Model

Controller Make & Model	DeepSea 4520
Operation Mode	AMF
Display	Graphic Back-lit LCD (128x64) pixels
Ingress Protection Rating	IP65
Binary Inputs/Outputs	4 / 4
Analog Inputs	3
Measurement	Vac, A, Hz, kVA, kW, Vdc
Event Log	Alarms log, Hrs log
Communication	USB



Enclosure Type	Acoustic & Weather Proof
Drainage	Fuel and Water Drainage Provision
Transportation	Tested Single Point Lifting Facility & Forklift Pockets
Ingress Protection	IP 23
Lifting	ISO Standard Lifting
Canopy RAL Color	RAL 9010 - Powder coated
Base frame RAL Color	RAL 9011 - Powder coated
Noise Pressure level @	66db(A) @ 7 mt



**FEATURES AND BENEFITS FOR
JEBEL PERKINS GENERATOR**

Why JEBEL?

When you are running a business every competitive advantage counts, choosing a right Generator Set can make all the difference to bottom line.

1. Features & Benefits:

- JEBEL Gen set is powered by Perkins Engine ,the world leader having over 85 years of innovation and excellence, with customers support in 182 countries from 3500 outlets.
- JEBEL Gen set is powered by Leroy Somer France Alternator, the Global number 1 in Alternators, with over 99 years of Experience, Having 120+ active patents, in over 40 countries and over 80 service centers.
- JEBEL Gen set is equipped with DSE controller, one of the world's top manufacturers in UK, having over 40 years of excellence, the most advanced and user friendly controller.
- Low fuel consumption, saving on fuel spend
- Compact and rugged design, saving on transport and storage cost
- Designed to occupy less space considering critical applications and cities where space is at a premium.
- Low noise and vibration, considering critical applications where noise level matters
- Easy maintenance and long service intervals , saving on maintenance cost
- Subject to rigorous tests including load acceptance, cooling, vibration and noise level prior shipment to customer.
- Simple to operate and environment friendly in worst ambient conditions
- Equipped with built-in fuel tank sufficient for 8 to 10 hours of operations.
- Fully Engineering wide range of optional accessories available.

2. WARRANTY POLICY:

- JEBEL technology products has a warranty for all prime equipment, limited to 2000 running hours or 12 months warranty & For Standby equipment, Limited to 500 running hours or 12 months warranty whichever occur first against manufacturing defect.
- Wearing parts (filters), incorrect manmade operation, Back up Genset maintenance failures are excluded from the warranty policy

FEATURES AND BENEFITS FOR JEBEL PERKINS GENERATOR



3. DOCUMENTATION

Operation and Maintenance Manual, GAD, Wiring Diagram & FAT Report are Accompanied with Genset.

4. OPTIONAL FEATURES

A. Engine

Heavy-Duty Air Filter
Coolant Heater
Lubricant Oil Heater
Fuel and Water Separator
Lube Oil Rotary Pump

B. Alternator

Anti Condensation Heater
PMG + AVR
Double Bearing Alternator
RTDs For Bearing and Winding

C. Cooling System:

55 degree Radiator
Remote Radiator

D. Control System:

AMF / Parallel
Remote Annunciators
4 p manual/Motorized Circuit breaker

E. Automatic Transfer Switch (ATS):

Contractor or Breaker type ATS
Motorized changeover type ATS

F. Start Battery:

Nickel-cadmium battery
Maintenance-free battery
Battery charger and selector switch
Charging current meter

G. Exhaust Muffler:

Residential grade
Critical grade
Hospital grade

H. Available for voltages :

400/230V, 480/277V, 380/220V, 440/254V,
416/240V, 220/127V, 208/120V



EME10S

- Using high engine, brushless alternator
- 50HZ: Rated power 10KVA
- 60HZ: Rated power 11KVA
- 50HZ Noise level dB(A)/1m : 70
- 60HZ Noise level dB(A)/1m : 72

EME15S

- Using high engine, brushless alternator
- 50HZ: Rated power 15KVA
- 60HZ: Rated power 16.5KVA
- 50HZ Noise level dB(A)/1m : 70
- 60HZ Noise level dB(A)/1m : 72

EME12S

- Using high engine, brushless alternator
- 50HZ: Rated power 12KVA
- 60HZ: Rated power 13.5KVA
- 50HZ Noise level dB(A)/1m : 70
- 60HZ Noise level dB(A)/1m : 72

EME20S

- Using high engine, brushless alternator
- 50HZ: Rated power 20KVA
- 60HZ: Rated power 22KVA
- 50HZ Noise level dB(A)/1m : 70
- 60HZ Noise level dB(A)/1m : 72

CUMMINS GEN SET



Model	YC-20	YC-30	YC-40	YC-50	YC-64	YC-80
Prime Power (KVA)	25	37.5	50	62.5	80	100
Prime Power (KW)	20	30	40	50	64	80
Engine Model CUMMINS	4B3.9-G	4BT3.9-G	4BTA3.9-G	4BTA3.9-G	6BT5.9-G	6BT5.9-G
Alternator Model STAMFORD	BCI184F	BCI184H	UCI224D	UCI224F	UCI224G	UCI274C
No.of cyliders & configuration	4.L	4.L	4.L	4.L	6.L	6.L
Bore * Stroke (mm)	102/120	102/120	102/120	102/120	102/120	102/120
Displacement (L)	3.9	3.9	3.9	3.9	5.9	5.9
100% Load fuel consumption (g/kw.h)	209	209	209	209	210	210
Lube oil capacity (L)	11	11	11	11	16.4	16.4

Model	YC-90	YC-100	YC-120	YC-150	YC-160	YC-200
Prime Power (KVA)	112.5	125	150	187.5	200	250
Prime Power (KW)	90	100	120	150	160	200
Engine Model CUMMINS	6BTA5.9-G	6BTAA5.9-G	6CT8.3-G	6CTA8.3-G	6CTAA8.3-G	6LTAA8.9-G2
Alternator Model STAMFORD	UCI274D	UCI274E	UCI274F	UCI274H	UCI274H	UCI274K
No.of cyliders & configuration	6.L	6.L	6.L	6.L	6.L	6.L
Bore * Stroke (mm)	102/120	102/120	114/135	114/135	114/135	140/152
Displacement (L)	5.9	5.9	8.3	8.3	8.3	14
100% Load fuel consumption (g/ 210 kw.h)		210	207	207	210	210
Lube oil capacity (L)	16.4	16.4	24	24	24	38.6



Model	YG-357	YG-412	YG-450	YG-500	YG-825
Standby Power (KVA)	286	412	450	500	825
Prime Power (KW)	260	300	320	360	600
Engine Model Googol	PTA780G1	PTA780G5	PTAA780G1	PTAA780G3	QTA2160G1A
Engine Prime Power	300	343	363	403	678
Alternator Model STAMFORD					
No.of cyliders	6	6	6	6	8
Bore * Stroke (mm)	128*166	128*166	128*166	128*166	170*195
Displacement	128	128	128	128	195
100% Load fuel consumption (L/h)	74.57	85.25	90.22	100.17	201
Lube oil capacity (L)	40	40	40	40	140

Model	YG-1000	YG-1110	YG-1250	YG-1400	YG-1625
Standby Power (KVA)	1000	1110	1250	1400	1625
Prime Power (KW)	728	800	900	1000	1150
Engine Model Googol	QTA2160G1C	QTA2160G1	QTA2160G5	QTA3240G1	QTA3240G3
Engine Prime Power	814	889	1060	1103	1259
Alternator Model STAMFORD					
No.of cyliders	8	8	8	12	12
Bore * Stroke (mm)	170*195	170*195	170*195	170*195	170*195
Displacement	195	195	195	210	210
100% Load fuel consumption (L/h)	228	201	228	250.36	263
Lube oil capacity (L)	140	140	140	180	180

Model	YG-1875	YG-2062	YG-2250	YG-2500	YG-2750
Standby Power (KVA)	1875	2062	2250	2500	2750
Prime Power (KW)	1365	1520	1640	1800	2000
Engine Model Googol	QTA3240G7	QTA4320G1	QTA4320G3	QTA4320G5	QTA4320G7
Engine Prime Power	1485	1643	1790	1958	2169
Alternator Model STAMFORD					
No.of cyliders	12	12	16	16	16
Bore * Stroke (mm)	170*195	170*195	170*195	170*195	170*195
Displacement	210	210	210	210	210
100% Load fuel consumption (L/h)	337	375	408	447	495
Lube oil capacity (L)	180	180	240	240	240

PTO GENERATOR



Model	15K VA	20K VA	30K VA	37. 5K VA	50KV A	62.5KV A	80KV A	94KVA	
Frequency (HZ)	50HZ/60HZ								
RMP	1500/1800/3000								
Voltage (V)	220 120/240 120/208 277/480 230/400								
Power Factor(cosΦ)	1			0.8					
PHASE	1			3					



Model	YDW-200A	YDW-250A	YDW-300A	YDW-400A	YDW-500A
Engine Power	7.3kw/1500 rpm	10.4kw/1500 rpm	12.2kw/1500rpm	19kw/1500 rpm	26kw/1500 rpm
Welder Model	200A	250A	300A	400A	500A

DIESEL ENGINES



WE PROVIDE DIESEL ENGINES OF 170F, 178F, 186F AND MORE.



THANK YOU , FOR CHOOSING JEBEL.

FOR ANY ENQUIRY. PLEASE CONTACT US AT

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Sales.jamali01@gmail.com

THANK YOU