



JPG SERIES

50kW - 105kW
Diesel Generators
esialaska.com



GENERATORS

Built Arctic Tough to provide reliable, long-term continuous service in the severest winter conditions.

FEATURES

Liquid-Cooled
JCB Diesel
Engine

50 to 105 Kilowatts of
Prime Power or Backup
Output

Ask about Long Run
Oil System 3,000 Hour
Oil Change Intervals!

Local Parts
Support

EPA Tier
4 Compliant

Open Skid, Arctic Re-Air
& Custom Enclosure



Arctic Re-Air
Equipped Generators

Anchorage

7780 Old Seward Hwy
Anchorage, AK 99518
907.341.2250 | 877.341.2250

Fairbanks

1919 Van Horn Road
Fairbanks, AK 99701
907.458.9049 | 888.868.9049

Seattle

17660 W. Valley Hwy
Tukwila, WA 98188
425.251.6119

Williston

5064 Bennett Loop
Williston, ND 58801
701.774.5312

EARTH MOVING | PUMPS | GENERATORS | HEATERS | PARTS



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STANDARD KPG FEATURES:

- In-Stock for Immediate Delivery
- JCB Diesel Engine
- Mecc Alte or Stamford Generator
- Steel Skid Base with Isolators & Fork Pockets
- Unit Mounted Radiator and Muffler
- Industrial Air Filter
- Winterized
 - 120V Block Heater
 - 120V Oil Pan Heater
 - Arctic Coolant
- Deep Sea DSE7410 MKII Engine Controller with Auto Start
- Load Tested
- Single Phase or 3 Phase, up to 480V

ENCLOSURE OPTIONS

- Climate Controlled Arctic Re-Air Enclosures for Reliable Year-Round Operation in Extreme Cold
- Trailer Mounted Enclosures Available
- Walk-in Enclosure Modules

CONTROLLER OPTIONS

- Automatic Transfer Switches (ATS)
- Other controller options available upon request*



OTHER OPTIONS

- Fuel Tanks and Fuel Filtration
- Optima Red Top Battery
- 110%+ Fluid Containment
- Automated Winterization Packages for Efficient & Reliable Cold Weather Starting
- Custom Options and Design-Build Products Available upon Request

LONG-RUN OIL TANK (LRT)

- 3,000 Hour + Oil Change Interval
- Dual Remote Oil Filters
- Decrease Maintenance Costs & Reduced Waste Stream

PENDING

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MODEL:		JPG-50-055-MR21L	JPG-65-081-MR22L	JPG-105-129-MR41M
ENGINE	Manufacturer	JCB		
	Model	444 TA4-55	444 TA4-81	444 TA4-129
	Emissions	In Cylinder	SCR & DEF (no DOC or DPF)	
	Rated Speed, 60Hz	1800 RPM		
	Cylinders	4		
	Displacement	4.4 liters		4.8 liters
	Combustion Air	161 CFM	182 CFM	288 CFM
OUTPUT	Output, Cont	47.2 kW	70.2 kW	108 kW
	Output, Standby	59 kW	87.8 kW	135 kW
	Available Voltage (rewire)	1 Phase: 120v/240v 3 Phase: 120v/208v or 277v/480v		
FUEL SYSTEM	Fuel Type	#2 Diesel or #1 ULSD		
	Priming Pump	12 VDC Electric		
	Max Fuel Lift	3.3 feet (1 meter)		
	Suction Fitting	3/8" Push On		
	Return Fitting	3/16" Push On		
	Full Load	3.3 gph	4.6 gph	7.2 gph
	Half Load	1.9 gph	2.6 gph	3.7 gph
GENERATOR	Manufacturer	Mecc Alte		
	Model	ECP32-1L4C	ECP32-2L4C	ECP34-1M4C
	Construction	Four Pole, Brushless, Open Drip-Proof (IP23), Single Bearing		
	Excitation	Full Wave Bridge Rectifier		
	Cooling Airflow	653 cfm		1215 cfm
	Leads	12		
	240V 1Ø	196.5 amps	292.5 amps	458.6 amps
	208V 3Ø	163.8 amps	243.9 amps	382.3 amps
	480V 3Ø	71 amps	105.7 amps	165.7 amps
	Power Factor	Single Phase (1Ø) Rating @ 1.0PF Three Phase (3Ø) Rating @ 0.8PF		
	Rated Frequency	60Hz		
	Voltage Regulator	DSR Digital +/- 1% NL -> FL		

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COOLING SYSTEM	Air Pressure	8 psi max		
	Fan Type	Blower, Nylon		
	Cooling Air	5,000 CFM	6,000 CFM	10,000 CFM
	Water Pump	Gear Case Mounted		
EXHAUST SYSTEM	Muffler Type	Industrial Grade (Critical Grade Silencer Option Available)		
	Restriction	1.67 pis to 1.81 psi		
	Mounting	Vertical		
	Outlet Size	TBD		
LUBE OIL SYSTEM	Capacity	3.08 gal		
	Interval	500 hrs		
	Capacity (LRT)	16 gal (26 gallon tank size)	TBD	
	Interval (LRT)	3,000 hours		
DC ELECTRICAL	Starter	12V, 4.2kW		
	Alternator	12V, 95 amp		
	Battery	12V 650 CCA equiv, min		
	Run Solenoid	12V Energized-to-run		
STANDARD OIL PAN	Skid (Footpring)	TBD		
	Skid (Height)	TBD		
	Skid (Wet)	TBD		
	Shipping (approx)	TBD		
	Shipping (wet)	TBD		
LONG RUN OIL TANK	Skid (Size)	TBD		
	Skid (Wet)	TBD		
	Shipping (approx)	TBD		
	Shipping (wet) - No Fuel	TBD		
PENDING		PENDING	PENDING	