



KPG SERIES

20kW & 30kW
Tier 4 Final
Diesel Generators
esialaska.com



GENERATORS

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



FEATURES

Liquid-Cooled
Kubota Diesel
Engine

20 or 30 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
& Customer Enclosure
Configurations



Remote Telecommunication Site in Western
Alaska. Equipped with Dual Generators with
Long Run Oil Tank.

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
Tukwilla, 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
- Kubota Diesel Engine
- Mecc Alte Generator
- Steel Skid Base with Isolators & Fork Pockets
- Unit Mounted Radiator and Muffler
- Low Maintenance DOC
- Winterized
 - 120V Block Heater
 - 120V Oil Pan Heater
 - Arctic Coolant
- DynaGen TG410 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

- Auto-Start Controllers
 - Deep Sea Controllers
 - Dyna Gen Controllers
 - Automatic Transfer Switches (ATS)
- Other controller options available upon request*

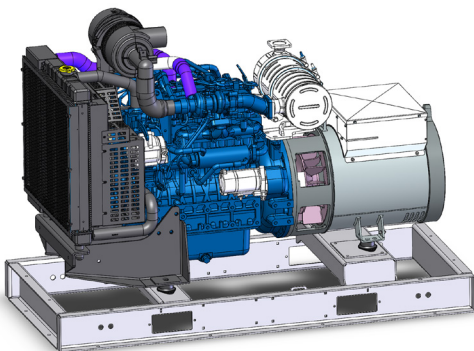


OTHER OPTIONS

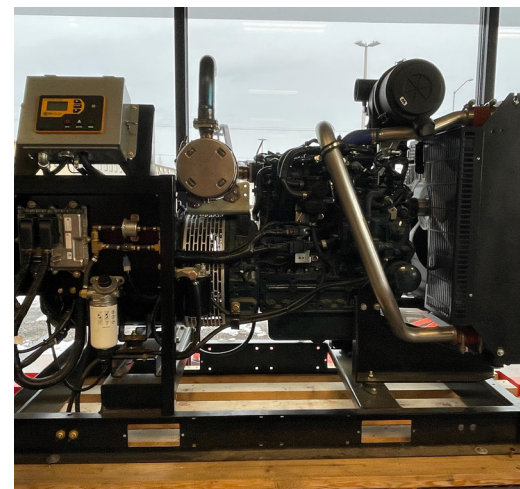
- Fuel Tanks and Fuel Filtration
- Optima Red Top Battery
- 110%+ Fluid Containment
- Stamford Generator
- Automated Winterization Packages for Efficient & Reliable Cold Weather Starting
- Custom Options and Design-Build Products Available upon Request

LONG-RUN OIL TANK (LRT)

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



KPG-30-4V24



**CUSTOMER ENGINEERED
& BUILT SOLUTIONS**

**ARCTIC RE-AIR
ENCLOSURE**

**STANDARD OPEN SKID
KPG GENERATOR**



KPG SERIES

20kW & 30kW Tier 4 Final Diesel Generators

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MODEL:		KPG-20-4D18-MR2S	KPG-30-4V24-MR2S
ENGINE	Manufacturer	Kubota	
	Model	D1803-CRT4F	V2403-CRT4F
	Rated Speed, 60Hz	1800 RPM	1800 RPM
	Cylinders	3	4
	Displacement	1.826 L	2.434 L
	Combustion Air	74 CFM	100 CFM
	Output, Cont	17.6 KW	26.6 KW
OUTPUT	Output, Standby	23.5 KW	31.8 KW
	Available Voltage (rewire)	1 Phase: 120v/420v 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	5/16" Push On	
	Return Fitting	3/16" Push On	
	Full Load	1.09 GPH	1.64 GPH
	Half Load	0.65 GPH	0.98 GPH
GENERATOR	Manufacturer	Mecc Alte	
	Model	ECP32-3S/4	
	Construction	Four Pole, Brushless, Open Drip-Proof (IP23), Single Bearing	
	Excitation	Full Wave Bridge Rectifier	
	Cooling Airflow	286 cfm	
	Leads	12	
	240V 1Ø	73.2 amp	110.9 amp
	208V 3Ø	61.0 amp	92.5 amp
	480V 3Ø	26.5 amp	40.1 amp
	Power Factor	Single Phase (1Ø) Rating @ 1.0PF Three Phase (3Ø) Rating @ 0.8PF	
	Rated Frequency	60Hz, 50Hz Available	
	Voltage Regulation	DSR Digital +/- 1% NL -> FL	
	MODEL:		
COOLING SYSTEM	Air Pressure	12.9 psi max	
	Fan Type	Blower, Nylon	
	Cooling Air	2000 cfm	3400 cfm
	Water Pump	Gear Case Mounted	

MODEL:		KPG-20-4D18-MR2S	KPG-30-4V24-MR2S
EXHAUST SYSTEM	Muffler Type	Industrial Grade (Critical Grade Silencer Option Available)	
	Restriction	1.5 in Hg max	
	Mounting	Vertical	
	Outlet Size	1-3/4"	
	Aftertreatment	Diesel Oxidation Catlyst (DOC)	
	DEF Tank Size	N/A	
LUBE OIL SYSTEM	Capacity	1.8 gal	2.5 gal
	Interval	200 Hours	200 Hours
	Capacity (LRT)	12 gal (19 gallon tank size)	
	Interval (LRT)	3,000 hours	
DC ELECTRICAL	Starter	12V, 2.9kW	
	Alternator	12V, 60 amp	
	Battery	12V 650 CCA equiv, min	
	Run Solenoid	12V Energized-to-run	
STANDARD OIL PAN	Skid (Size)	65"L x 28.5"W x 48"T	
	Skid (Wet)	TBD lbs	
	Shipping (approx)	70"L x 32"W x 56"T	
	Shipping (wet)	TBD lbs	
LONG RUN OIL TANK	Skid (Size)	TBD"L x TBD"W x TBD"T	
	Skid (Wet)	TBD lbs	
	Shipping (approx)	TBD"L x TBD"W x TBD"T	
	Shipping (wet) - No Fuel	TBD lbs	

