



KPG SERIES

6kW - 45kW
Spark Ignition

esialaska.com



GENERATORS

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



FEATURES

Liquid-Cooled
Kubota Engine

6kW to 45kW of
Prime Power or
Backup Output

Ask about Long Run
Oil System 5,000 Hour
Oil Change Intervals!

Local Parts
Support

Natural Gas,
Propane or
Gasoline

Open Skid, Arctic Re-Air
& Customer Enclosure
Configurations



Prefabricated generator enclosure with 6kW propane prime power generator for pipeline cathodic protection.

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
- Kubota Industrial 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

- 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)

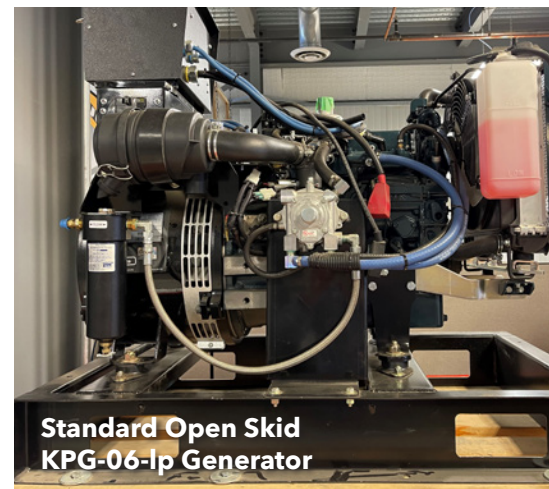
- 5,000 Hour + Oil Change Interval
- Dual Remote Oil Filters
- Decrease Maintenance Costs & Reduced Waste Stream



Skid Mounted
6kW with LRT



Arctic Re-Air
Enclosure



Standard Open Skid
KPG-06-lp Generator



FULL MODEL:		KPG-06-DG97N-MR8S-NG	KPG-06-WG97G-MR8S-GAS	KPG-06-WG97P-MR8S-LP	KPG-14-WG16P-MR2S-LP	KPG-14-WG16G-MR2S-GAS	KPG-20-WG25G-MR2S-NG	KPG-45-WG38L-MR22S-LP
MODEL:		KPG-06-NG	KPG-06-GAS	KPG-06-LP	KPG-14-LP	KPG-14-GAS	KPG-20-NG	KPG-45-LP
ENGINE	Manufacturer	Kubota						
	Model	DG972-E2	WG972-GL-E3	WG972-GL-E3	WG1605-L-E3	WG1605-G-E3	WG2503-G-E3	WG3800-L-E3
	Rated Speed, 60Hz	1800 RPM						
	Cylinders	3			4			
	Displacement	0.962 L			1.537 L		2.491 L	3769 cc
	Combustion Air	27.5 cfm			50.6 cfm		54 cfm	93 cfm
OUTPUT	Output, Cont	6.3 KW	5.8 KW		15.8 KW		20.9 KW	41.8 KW
	Output, Standby	7.7 KW	7.4 KW		18.6 KW		22.6 KW	49.9 KW
	Available Voltage (rewire)	1 Phase: 120v/240v 3 Phase: 120v/208v or 277v/480v (ECP28 & ECP32)						
FUEL SYSTEM	Fuel Type	Natural Gas	Gasoline	Commerical LPG		Gasoline	Natural Gas	Propane
	Priming Pump	N/A	12 Volt	N/A		12 Volt	N/A	
	Max Fuel Lift		3.3 feet (1 meter)			3.3 feet (1 meter)		
	Suction Fitting		5/16" Push On			5/16" Push On		
	Return Fitting		3/16" Push On			3/16" Push On		
	Full Load	4 lbs / hr	0.85 gph	3.98 lbs / hr	8 lbs / hr	1.70 gph	8.54 lbs / hr	23.9 lbs / hr
	Half Load	2 lbs / hr	0.43 gph	2 lbs / hr	4 lbs / hr	0.90 gph	4.40 lbs / hr	14.4 lbs / hr
GENERATOR	Manufacturer	Mecc Alte						
	Model	ECP28 or NPE28			ECP28		ECP32	
	Construction	Four Pole, Brushless, Open Drip-Proof (IP23), Single Bearing						
	Excitation	Full Wave Bridge Rectifier						
	Cooling Airflow	286 cfm						
	Leads	12 (ECP28 & ECP32) or 4 Lead (NPE28)						
	240V 1Ø	26.3 amp	24.3 amp		66.0 amp		87.0 amp	174.0 amp
	208V 3Ø	21.9 amp	20.2 amp		55.0 amp		72.5 amp	145.1 amp
	480V 3Ø	9.5 amp	8.8 amp		23.8 amp		31.4 amp	62.9 amp
	Power Factor	Single Phase (1Ø) Rating @ 1.0PF Three Phase (3Ø) Rating @ 0.8PF						
	Rated Frequency	60Hz, 50Hz Available						
	Voltage Regulator	DSR Digital +/- 1% NL -> FL Dedicated Auxiliary Windings						



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MODEL:		KPG-06-NG	KPG-06-GAS	KPG-06-LP	KPG-14-LP	KPG-14-GAS	KPG-20-NG	KPG-45-LP
COOLING SYSTEM	Air Pressure	12.9 psi max						
	Fan Type	Blower, Nylon						
	Cooling Air	1126 cfm			1502 cfm			4800 cfm
	Water Pump	Gear Case Mounted						
EXHAUST SYSTEM	Muffler Type	Industrial Grade (Critical Grade Silencer Option Available)						
	Restriction	1.5 in Hg max						
	Mounting	Vertical						
	Outlet Size	1.75"					2.5"	
LUBE OIL SYSTEM	Capacity	0.90 gal			1.59 gal		2.51 gal	3.49 gal
	Interval	200 hrs						
	Capacity (LRT)	8 gal (9 gallon tank size)			12 gal (19 gallon tank size)			16 gal (26 tank)
	Interval (LRT)	5,000 hrs						
DC ELECTRICAL	Starter	12V, 1.0kW					12V, 2.0kW	12V, 3.0kW
	Alternator	12V, 30 amp					12V, 40 amp	12V, 45 amp
	Battery	12V 650 CCA equiv, min						
	Run Solenoid	12V Energized-to-run						
STANDARD OIL PAN	Skid (Footpring)	49" L x 25" W					58" L x 25" W	72" L x 30" W
	Skid (Height)	37" T					41" T	44" T
	Skid (Wet)	630 lbs			941 lbs		1100 lbs	1500 lbs
	Shipping (approx)	54" L x 36" W x 44" T					66" L x 38" W x 47" T	80" L x 38" W x 50" T
	Shipping (wet)	1040 lbs					1200 lbs	1600 lbs
LONG RUN OIL TANK	Skid (Size)	59" L x 32" W x 44" T					61" L x 36" W x 45" T	74" L x 38" W x 51" T
	Skid (Wet)	990 lbs			1320 lbs		1600 lbs	2150 lbs
	Shipping (approx)	64" L x 37" W x 53" T					68" L x 38" W x 52" T	82" L x 38" W x 57" T
	Shipping (wet) - No Fuel	1010 lbs			1340 lbs		1700 lbs	2250 lbs