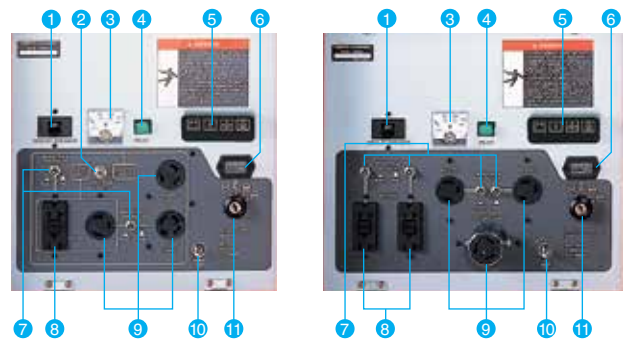


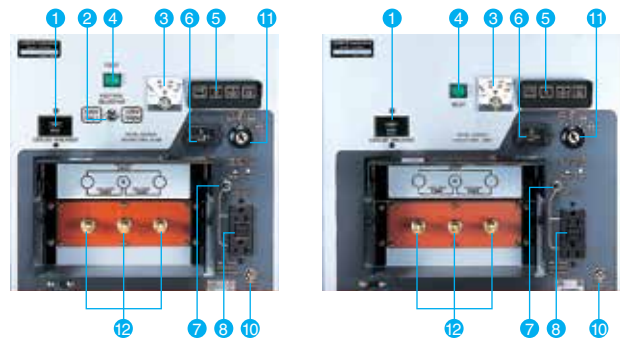
# CONTROL PANEL

## GL SERIES

### GL7000 / GL11000



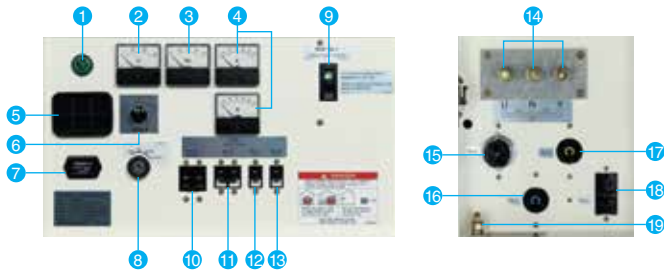
### GL7000TM / GL11000TM



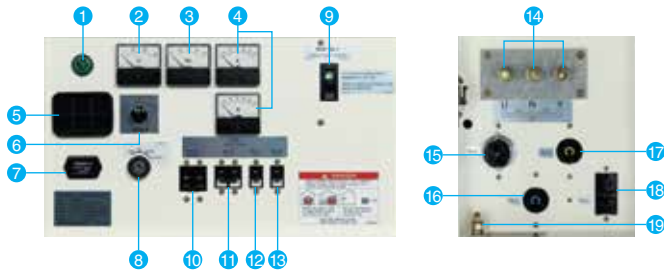
- 1 Circuit Breaker
- 2 Voltage Selector Switch
- 3 AC Voltmeter
- 4 Pilot Lamp
- 5 Monitor Lamps
- 6 Hour Meter
- 7 Receptacle Protector
- 8 GFCI
- 9 Output Receptacles
- 10 Ground Terminal
- 11 Key Switch
- 12 Output Terminals

## KJ SERIES

### KJ-13



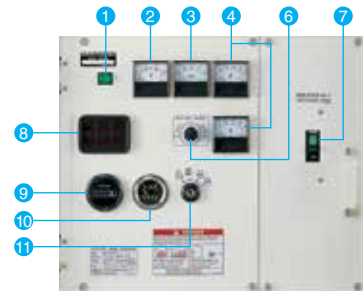
### KJ-20



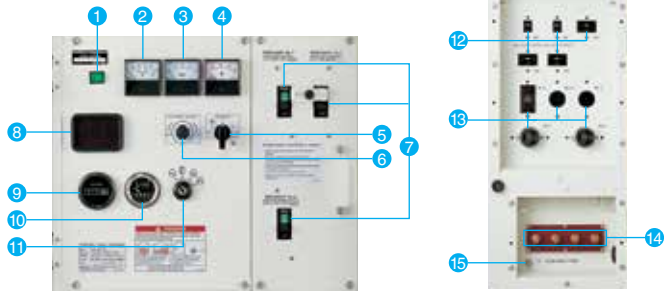
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Monitor Lamps
- 6 Voltage Adjuster
- 7 Hour Meter
- 8 Key Switch
- 9 ~ 13 No-Fuse Breaker
- 10 No.1
- 11 No.2
- 12 No.3
- 13 No.4
- 14 Output Terminals (U,N,V)
- 15 ~ 18 Output Receptacles
- 15 120/240V (CS6369)
- 16 120V (L6-30R)
- 17 120V (L5-20R)
- 18 120V (5-20R,GFI)
- 19 Ground Terminal

## SQ SERIES

### SQ-14 / SQ-21



### SQ-26SW / SQ-33SW



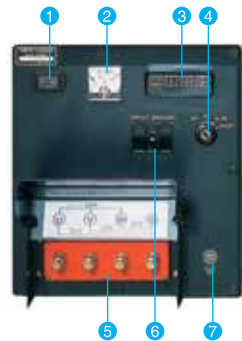
- 1 Pilot Lamp
- 2 A.C. Voltmeter
- 3 Frequency Meter
- 4 A.C. Ammeter
- 5 Ammeter Phase
- 6 Voltage Adjuster
- 7 Circuit Breaker
- 8 Monitor Lamps
- 9 Hour Meter
- 10 Fuel Gauge
- 11 Key Switch
- 12 No-Fuse Breaker
- 13 Output Receptacles
- 14 Output Terminals
- 15 Ground Terminal

## J SERIES

### Single Phase



### Three Phase



- 1 Hour Meter
- 2 A.C. Voltmeter
- 3 Monitor Lamps
- 4 Key Switch
- 5 Output Terminals
- 6 Circuit Breaker
- 7 Ground Terminal

# KUBOTA 60Hz GENERATORS

J SERIES / GL SERIES / KJ SERIES / SQ SERIES



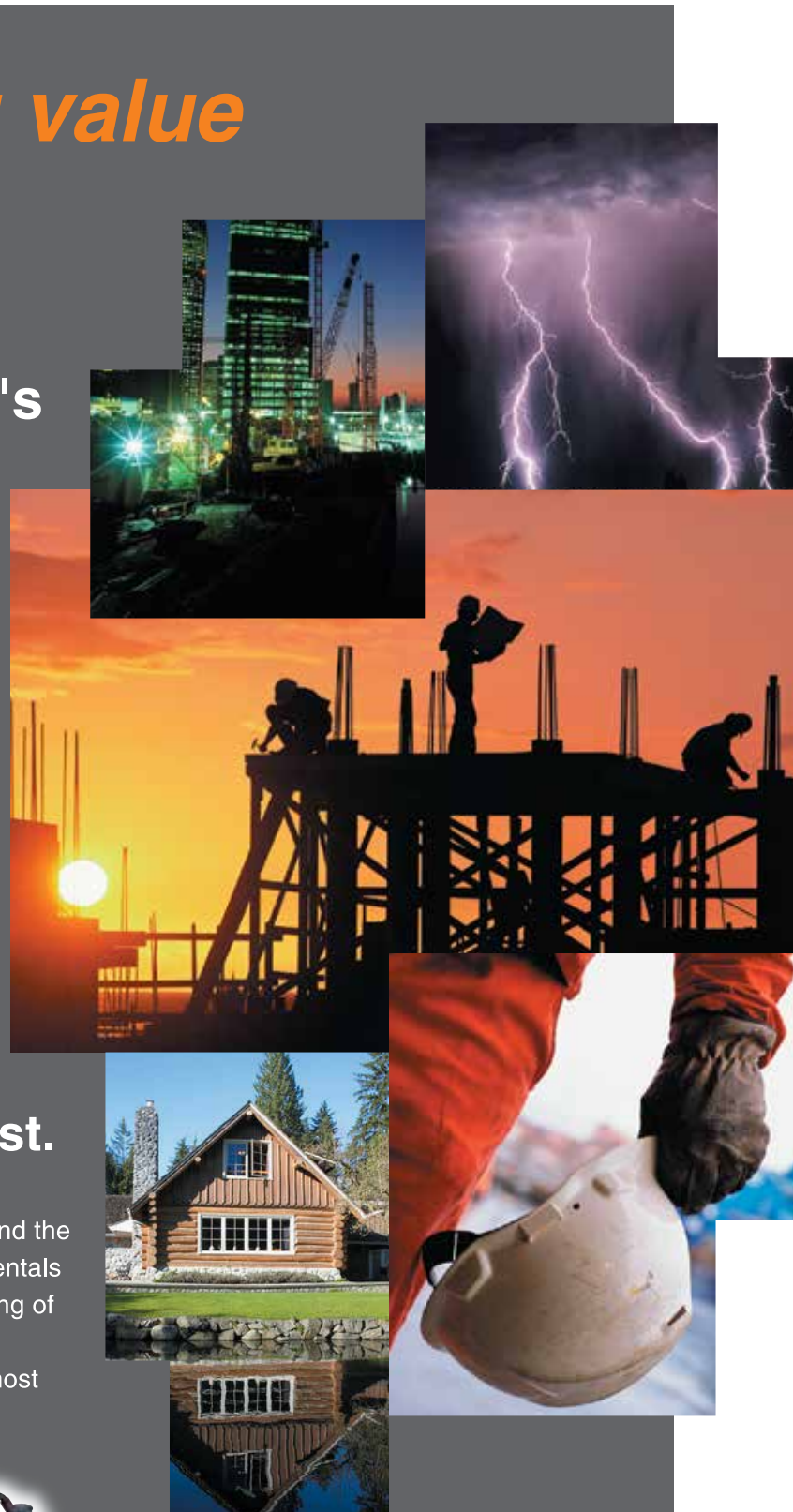
# Everything you value in a generator

The heart of Kubota generators are Kubota's own diesel engines.

Used widely in world-renowned machinery, these sturdily built, one-side-maintenance type diesel engines promise great reliability and service life for almost any application. Kubota is well known as one of the top engine manufacturers in the world, with over 80 years of experience. Reliability is guaranteed when powered by a Kubota engine.

## There's no end to the quest.

What makes Kubota different? High Performance, Energy Efficient, Labor Saving and the Respect for Humanity. These four founding fundamentals remain unchanged at Kubota ever since the beginning of engine production in 1922. Cleaner emissions and the ability to readily match most any engine requirements a customer needs are the results of Kubota engines' comprehensive strength. There's no end to the quest. Challenging spirit is at the core of Kubota technology.



## Kubota Generator Lineup

### J SERIES

- 2-Pole Single-Phase & Three-Phase
- Output Range: 6.5kVA to 23.5kVA



#### Easy to use anywhere for longer periods of time

These semi-open type generators are powered by either a Super Mini or a Kubota 05 Series engine. The series' "easy to use anywhere" design permits operation even in limited space.

The larger capacity fuel tank and its exceptional fuel efficiency guarantee longer hours of continual electrical energy on a single tank of fuel.

#### • J series Max output (kVA)

J107	6.5
J110	10.0
J114	14.0
J119	18.8
J313	12.5
J324	23.5

### GL SERIES

- 2-Pole Single-Phase
- Output Range: 6.5kVA to 10kVA



#### LOWBOY II saves space and the environment.

The LOWBOY II series is designed to have the minimum possible height while using vertical diesel engines. This is achieved by direct coupling of the engine crankshaft with the cooling fan.

Since they require less space for operation, the range of possible applications has been greatly increased.

#### • GL series Max output (kVA)

GL7000	6.5
GL11000	10.0

### KJ SERIES

- 4-Pole Single-Phase
- Output Range: 12.5kVA to 19.6kVA



#### Heavy-duty power generation

A heavy-duty 4-pole series powered by Kubota 03M series diesel engines.

Many features have been added to make the KJ Series much quieter, more efficient, and safer to use anywhere, any time.

#### • KJ series Max output (kVA)

KJ-13	12.5
KJ-20	19.6

### SQ SERIES

- 4-Pole Single-Phase & Three-Phase
- Output Range: 13.5kVA to 33.1kVA



#### Satisfied with Quiet? Meet the Super Quiet series!

Kubota's largest yet super quiet, heavy-duty type 4-pole generator series.

The special enclosure with noise absorbing duct, over-sized muffler, extra long air cleaner hose, and quieter cooling fan all add up to its super quiet performance [63-65 dB at 7m (23 feet)] at full load.

#### • SQ series Max output (kVA)

SQ-14	13.5
SQ-21	20.6
SQ-26 SW	19.5-26.3
SQ-33 SW	24.0-33.1

**Easy to use anywhere for longer periods of time**



## 1. Easy Maintenance

### Easy One-Side Maintenance

All gauges and filters (except for Z482 and D722's oil filter) are conveniently situated to enhance and simplify daily maintenance.



## 2. Safety

### Safety Measures

Automatically shuts the engine down if the water temperature is excessive or the oil pressure drops below a safe level, and when the fanbelt breaks.\*

\* Fanbelt accident prevention is only applicable to generators using D1005 and V1305 engines.



### Removable Cover for Output Terminals

Protective covers are attached on all output terminals to prevent electric shocks. The number of safety covers has also been increased to prevent entangling accidents.



## 3. Operator Friendly

### Transportability

One-point lifting eye makes it easy to transport all J series generators. Special forklift openings are provided in the base of the machine.



### Longer Continuous Operation

Large-capacity fuel tank enables longer continuous operation on a single tank.

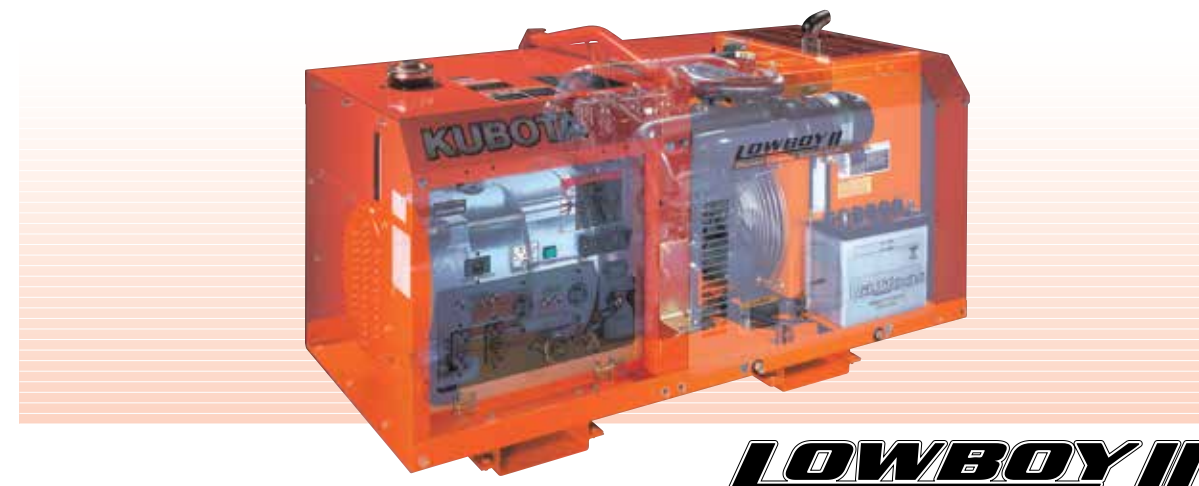
## 4. ATS

### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the control panel.



**LOWBOY II saves space and the environment.**



## LOWBOY II

## 1. Compact Design

### Low Profile and More Compact

The LOWBOY II series is designed to have the minimum possible height while using vertical diesel engines. This is achieved by direct coupling of the engine crankshaft with the cooling fan. Since they require less space for operation, the range of possible applications has been greatly increased.



## 2. Easy Maintenance

### Easy One-Side Maintenance

Large swing-up side panel enables quick and easy engine inspection and maintenance. Engine oil and coolant drain extensions are provided to ease regularly scheduled maintenance. Oil gauge, oil filter, oil replenishment port, fuel filter, water reserve tank, battery and air cleaner are all located on one side.

## 3. Safety

**Safety Measures** Automatically shuts the engine down if the water temperature is excessive or the oil pressure drops below a safe level. Equipped with a starter safety relay to prevent the starter from engaging after the engine starts up.

### Removable Cover for Control Panel

Terminal type is equipped with an output connection cover that will stop the engine immediately when it is opened during operation.



## 3. Safety Double Circuit Protectors

In addition to the overall circuit protector, each receptacle also has a circuit protector that will shut the engine down to prevent overcurrent damage.

## 4. Operator Friendly

**Transportability** One-point lifting eye makes it easy to transport all GL series generators. Special forklift openings are provided in the base of the machine.

### Longer Continuous Operation

Large-capacity fuel tank (7.4gal; 28L) enables longer continuous operation on a single tank.



## 5. Quiet

### Lower Noise Levels

Four separate features help reduce overall noise levels. First, the large-capacity radiator successfully reduces fan-related noise by direct coupling to the crankshaft with a slower-speed fan. Second, the large-capacity, built-in muffler helps reduce exhaust-related noise. Third, the longer air-cleaner hose reduces air-suction-related noise. Fourth, the ideally placed inlet vent and its improved design reduce noise coming from the enclosure's opening.

Model	Sound level during Rated Output at 23 ft. (7m) [dB(A)]
GL7000	66.0
GL7000TM	66.0
GL11000	68.0
GL11000TM	68.0

## 6. ATS

### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the control panel.



## Heavy-duty power generation



### 1. Easy Maintenance

#### Easy One-Side Maintenance

Extra-large swing-up panel makes engine inspection and maintenance quick and easy. Engine oil and coolant drain extensions are provided to ease regularly scheduled maintenance. Oil gauge, oil filter, oil replenishment port, fuel filter, water reserve tank, battery and air cleaner are all located on one side.



### 2. Safety

#### Safety Measures

All engines for KJ series generators are ECU-controlled. Automatic shutdown of the engine if abnormal condition (abnormal oil pressure or water temperature, excessive speed, broken fan belt) or if swing-up panel is opened during operation.



#### Locking Control Panel Door

Shields instrument panel from the elements and permits observation of all key functions without opening the door.



### 3. Operator Friendly

#### Transportability

Twin-point lifting eyes make it easy to transport all KJ series generators.

### 4. Quiet

#### Reduced Sound and Vibration

Kubota's inherent low-sound design, a sound-attenuated enclosure which effectively reduces all sound including that of the muffler, and the original E-TVCS combustion system substantially reduces the sound levels. Integral vibrations are also reduced by inserting rubber pads in critical areas.



Model	Sound level during Rated Output at 23 ft. (7m) [dB(A)]
KJ-13	75.5
KJ-20	76.5

### 5. ATS

#### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the lower control panel.



## Satisfied with Quiet? Meet the Super Quiet series!



### 1. Super Quiet

#### Over-Sized Muffler

Sound levels have been lowered by an over-sized muffler.

#### Second Muffler (for SQ-33SW only)

A special 2-stage muffler system is used in generators powered by the V3300 to reduce noise even further.

Model	Sound Level During Rated Output at 23 ft. (7m) [dB(A)]
SQ-14	63.0
SQ-21	64.0
SQ-26SW	64.0
SQ-33SW	65.0



### 2. Easy Maintenance

#### Easy One-Side Maintenance

Engine oil and coolant drain extensions are provided to ease regularly scheduled maintenance. Oil gauge, oil filter, oil replenishment port, fuel filter, water reserve tank, battery and air cleaner are all located on one side for quick inspection and maintenance.



### 3. Safety

#### Safety Measures

All engines for SQ series generators are ECU-controlled. Automatic shutdown of the engine if abnormal condition (abnormal oil pressure or water temperature, excessive speed, broken fan belt) or if load center doors are opened during operation.



### 3. Safety

#### Locking Control Panel Door

Shields instrument panel from the elements and permits observation of all key functions without opening the door.



### 4. Operator Friendly

#### Transportability

One-point lifting eye makes it easy to transport all SQ series generators. Special forklift openings are located on the base of the machine.



#### Longer Continuous Operation

Large-capacity fuel tank (21.5gal; 81.4L) enables longer continuous operation on a single tank.

### 5. ATS

#### Access Terminals for ATS Make Wiring Easy

Access terminals for Automatic Transfer Switches (ATS) are located behind the left side of load center doors.



# SPECIFICATIONS

**J**  
**SERIES**



KPK 07KS161B37S

KPK 11KS561B37S

KPK 15K5161B79S

KPK 20K5e61B79S

KPK 13KS521B37S

KPK 25K5e21B79S

MODEL	Unit	J107	J110	J114	J119	J313	J324	
Type	-	Revolving field, AC generator			Revolving field, AC generator			
Frequency	Hz	60			60			
Standby Output	kVA (kW)	7.1 (7.1)	11.0 (11.0)	15.4 (15.4)	20.6 (20.6)	13.7 (11.0)	25.8 (20.6)	
Prime Output	kVA (kW)	6.5 (6.5)	10.0 (10.0)	14.0 (14.0)	18.8 (18.8)	12.5 (10.0)	23.5 (18.8)	
Voltage - Single Phase	V	110/220	110/220	110/220	110/220	127	127	
Voltage - Three Phase	V	-	-	-	-	220	220	
Armature Connection	-	Series	Series	Series	Series	Star	Star	
Phase/Wire	-	1/3	1/3	1/4	1/4	3/4	3/4	
Power Factor	%	100	100	100	100	80	80	
Number of Poles	-	2	2	2	2	2	2	
Insulation	Class	Rotor coil; class F, Stator coil; class B			Rotor coil; class F, Stator coil; class B			
Voltage Regulation	%	7.0 (No load to full load)		8.0 (No load to full load)	8.0 (No load to full load)	7.0 (No load to full load)	8.0 (No load to full load)	
Type of Coupling	-	Direct coupled			Direct coupled			
<b>AMPS</b>								
Single Phase 110V	A	59.1	90.9	63.6 x 2	85.5 x 2	-	-	
Single Phase 127V	A	-	-	-	-	19.7 x 3	37.0 x 3	
Single Phase 220V	A	29.5	45.5	63.6	85.5	-	-	
Single Phase 240V	A	-	-	-	-	-	-	
Three Phase 220V	A	-	-	-	-	32.8	61.7	
Three Phase 380V	A	-	-	-	-	-	-	
Three Phase 415V	A	-	-	-	-	-	-	
<b>TERMINAL</b>								
Terminal	-	Available			Available			
<b>DIESEL ENGINE</b>								
Type	-	Vertical 4-cycle liquid cooled diesel engine			Vertical 4-cycle liquid cooled diesel engine			
Model	-	Z482	D722	D1005	V1305	D722	V1305	
Number of Cylinders	-	2	3	3	4	3	4	
Bore x Stroke	mm (in)	67.0 x 68.0 (2.64 x 2.68)	67.0 x 68.0 (2.64 x 2.68)	76.0 x 73.6 (2.99 x 2.90)	76.0 x 73.6 (2.99 x 2.90)	67.0 x 68.0 (2.64 x 2.68)	76.0 x 73.6 (2.99 x 2.90)	
Displacement	L (cu.in.)	0.479 (29.2)	0.719 (43.9)	1.001 (61.1)	1.335 (81.5)	0.719 (43.9)	1.335 (81.5)	
Engine Speed	rpm	3600	3600	3600	3600	3600	3600	
Continuous Rated Output	kW (HP)	8.2 (11)	12.3 (16.5)	17.0 (22.8)	22.7 (30.4)	12.3 (16.5)	22.7 (30.4)	
Lubricant (API classification)	-	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade	
Oil Capacity	L (qts)	2.2 (2.3)	3.4 (3.6)	4.3 (4.5)	5.7 (6.0)	3.4 (3.6)	5.7 (6.0)	
Coolant Capacity	L (qts)	2.3 (2.4)	3.0 (3.2)	3.3 (3.5)	3.5 (3.7)	3.0 (3.2)	3.5 (3.7)	
Starting System	-	Electric - 12 volt DC			Electric - 12 volt DC			
<b>SET</b>								
Fuel	-	Diesel Fuel No.2 (ASTM D975)			Diesel Fuel No.2 (ASTM D975)			
Fuel Consumption	at Full Load	L/h (gal/h)	2.7 (0.71)	4.2 (1.1)	5.7 (1.5)	7.5 (2.0)	4.2 (1.1)	7.5 (2.0)
	at 3/4 Load	L/h (gal/h)	2.2 (0.58)	3.4 (0.90)	4.6 (1.2)	6.0 (1.6)	3.4 (0.90)	6.0 (1.6)
	at 1/2 Load	L/h (gal/h)	1.8 (0.47)	2.8 (0.74)	3.7 (0.98)	4.9 (1.3)	2.8 (0.74)	4.9 (1.3)
	at 1/4 Load	L/h (gal/h)	1.5 (0.40)	2.3 (0.61)	3.2 (0.84)	4.2 (1.1)	2.3 (0.61)	4.2 (1.1)
Fuel Tank Capacity	L (gal)	37.0 (9.77)	37.0 (9.77)	79.0 (20.9)	79.0 (20.9)	37.0 (9.77)	79.0 (20.9)	
Continuous Operation Hours	at Full Load	h	13.7	8.8	13.9	10.5	8.8	10.5
	at 3/4 Load	h	16.8	10.9	17.2	13.2	10.9	13.2
	at 1/2 Load	h	20.6	13.2	21.4	16.1	13.2	16.1
	at 1/4 Load	h	24.7	16.1	24.7	18.8	16.1	18.8
Battery (Ah/5h)	-	12 V (28 Ah)	12 V (36 Ah)	12 V (55 Ah)	12 V (55 Ah)	12 V (36 Ah)	12 V (55 Ah)	
Dimensions L x W x H	mm	923 x 593 x 860	995 x 593 x 860	1215 x 611 x 922	1300 x 611 x 922	995 x 593 x 860	1300 x 611 x 922	
	(in)	(36.4 x 23.4 x 33.9)	(39.2 x 23.4 x 33.9)	(47.83 x 24.1 x 36.3)	(51.18 x 24.1 x 36.3)	(39.2 x 23.4 x 33.9)	(51.18 x 24.1 x 36.3)	
Approximate Net Weight	kg (lbs)	225 (496)	255 (562)	340 (750)	380 (838)	255 (562)	380 (838)	
Sound Level (Full Load at 23 ft (7mi))	dB (A)	76.0	76.5	81.0	82.0	76.5	82.0	
Emergency Stop System	-	In case of abnormal: Oil pressure, water temperature		In case of abnormal: Oil pressure, water temperature, fan belt broken	In case of abnormal: Oil pressure, water temperature, fan belt broken	In case of abnormal: Oil pressure, water temperature	In case of abnormal: Oil pressure, water temperature, fan belt broken	

# SPECIFICATIONS

**GL  
SERIES**



PKP 07KS111B28C

PKP 11KS511B28C

**KJ  
SERIES**



PKP 11KS511B28C PKP 11KS511B28CKPK 14K3111B81Q PKP 21K3711B81Q PKP 27K3721B81Q PKP 34KV121B81Q

**SQ  
SERIES**



MODEL	Unit	GL7000	GL7000TM	GL11000	GL11000TM		KJ-13	KJ-20	SQ-14	SQ-21	SQ-26SW	SQ-33SW		
Type	-	Revolving field, AC generator					Revolving field, brushless AC generator		Revolving field, brushless AC generator					
Frequency	Hz	60					60		60					
Standby Output	kVA (kW)	7.0 (7.0)		11.0 (11.0)			13.8 (13.8)	20.6 (20.6)	14.2 (14.2)	21.6 (21.6)	27.6 (22.1)	20.5 (20.5)	34.8 (27.8)	25.2 (25.2)
Prime Output	kVA (kW)	6.5 (6.5)		10.0 (10.0)			12.5 (12.5)	19.6 (19.6)	13.5 (13.5)	20.6 (20.6)	26.3 (21.0)	19.5 (19.5)	33.1 (26.5)	24.0 (24.0)
Voltage - Single Phase	V	120/240		120/240			120/240	120/240	120/240	120/240	-	-	120/240	-
Voltage - Three Phase	V	-		-			-	-	-	-	480	240	-	480
Armature Connection	-	Series		Series			Series	Series	Series	Series	Star with neutral	Zig-zag	Star with neutral	Zig-zag
Phase/Wire	-	1/4		1/3			1/3	1/3	1/3	1/3	3/12		3/12	
Power Factor	%	100		100			100	100	100	100	80	100	80	100
Number of Poles	-	2		2			4	4	4	4	4		4	
Insulation	Class	Rotor coil; class F; Stator coil; class B					H		H					
Voltage Regulation	%	-					3.5 (No load to full load)		2.5 (No load to full load)					
Type of Coupling	-	Direct coupled					Direct coupled		Direct Coupled					
<b>AMPS</b>														
Single Phase 120 V	A	27.1 x 2		27.1 x 2			52.1 x 2	81.7 x 2	56.3 x 2	85.8 x 2	-	-	81.3 x 2	-
Single Phase 240 V	A	27.1		27.1			52.1	81.7	56.3	85.8	-	-	81.3	-
Three Phase 208 V	A	-		-			-	-	-	-	-	63.3	-	79.6
Three Phase 480 V	A	-		-			-	-	-	-	31.6	-	-	39.8
<b>NUMBER OF RECEPTACLES</b>														
5-15R	-	-		-			-	-	-	-	-	-	-	-
5-20RA (GFCI)	-	1		1			1	1	1	1	1	1	1	1
6-15R	-	-		-			-	-	-	-	-	-	-	-
L5-20R	-	-		-			1	1	-	-	-	-	-	-
L5-30R	-	1		1			-	-	1	1	1	1	1	1
L6-30R	-	1		1			1	1	-	-	-	-	-	-
L14-30R	-	1		1			-	-	1	-	-	-	-	1
CS-6369	-	-		-			1	1	1	2	2	2	2	2
<b>TERMINAL</b>														
Terminal	-	Available					Available		Available					
<b>DIESEL ENGINE</b>														
Type	-	Vertical 4-cycle liquid cooled diesel engine					Vertical 4-cycle liquid cooled diesel engine		Vertical 4-cycle liquid cooled diesel engine					
Model	-	Z482		D722			D1703-M	V2203-M	D1703-M	V2403-M	V2403-M	V3300		
Number of Cylinders	-	2		3			3	4	3	4	4	4		
Bore x Stroke	mm (in)	67.0 x 68.0 (2.64 x 2.68)		67.0 x 68.0 (2.64 x 2.68)			87.0 x 92.4 (3.43 x 3.64)	87.0 x 92.4 (3.43 x 3.64)	87.0 x 92.4 (3.43 x 3.64)	87.0 x 102.4 (3.43 x 4.031)	87.0 x 102.4 (3.43 x 4.031)	98.0 x 110.0 (3.86 x 4.331)		
Displacement	L (cu.in.)	0.479 (29.2)		0.719 (43.9)			1.647 (100.5)	2.197 (134.1)	1.647 (100.5)	2.434 (148.5)	2.434 (148.5)	3.318 (202.5)		
Engine Speed	rpm	3600		3600			1800	1800	1800	1800	1800	1800		
Continuous Rated Output	kW (HP)	8.1 (11)		12.2 (16.3)			17.3 (23.2)	23.7 (31.8)	17.3 (23.2)	23.7 (31.8)	23.7 (31.8)	29.9 (40.1)		
Lubricant (API classification)	-	Above CF grade		Above CF grade			Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade		
Oil Capacity	L (qts)	2.2 (2.3)		3.4 (3.6)			7.0 (7.4)	9.5 (10)	7.0 (7.4)	9.5 (10)	9.5 (10)	13.2 (13.9)		
Coolant Capacity	L (qts)	3.7 (3.9)		4.1 (4.3)			6.9 (7.3)	8.7 (9.2)	6.9 (7.3)	7.8 (8.2)	7.8 (8.2)	9.5 (10)		
Starting System	-	Electric - 12 volt DC					Electric - 12 volt DC		Electric - 12 volt DC					
<b>SET</b>														
Fuel	-	Diesel Fuel No.2 (ASTM D975)					Diesel Fuel No. 2 (ASTM D975)		Diesel Fuel No. 2 (ASTM D975)					
Fuel Consumption	at Full Load	L/h (gal/h)	2.6 (0.69)		4.1 (1.1)		4.8 (1.3)	6.9 (1.8)	4.9 (1.3)	7.3 (1.9)	7.3 (1.9)	9.0 (2.4)		
	at 3/4 Load	L/h (gal/h)	2.1 (0.55)		3.3 (0.86)		3.7 (0.98)	5.3 (1.4)	3.8 (1.0)	5.5 (1.5)	5.5 (1.5)	6.9 (1.8)		
	at 1/2 Load	L/h (gal/h)	1.7 (0.45)		2.7 (0.71)		2.8 (0.74)	4.0 (1.1)	2.8 (0.74)	4.0 (1.1)	4.0 (1.1)	5.1 (1.3)		
	at 1/4 load	L/h (gal/h)	1.4 (0.38)		2.2 (0.59)		2.0 (0.53)	2.9 (0.77)	1.97 (0.52)	2.9 (0.75)	2.9 (0.75)	3.6 (0.95)		
Fuel Tank Capacity	L (gal)	28.0 (7.39)		28.0 (7.39)		37.0 (9.77)	37.0 (9.77)	81.4 (21.5)	81.4 (21.5)	81.4 (21.5)	81.4 (21.5)			
Continuous Operation Hours	at Full Load	h	10.0		7.0		7.7	5.4	16.5	11.1	11.1	9.0		
	at 3/4 Load	h	13.3		8.5		10.0	7.0	21.5	14.7	14.7	11.9		
	at 1/2 Load	h	16.5		10.4		13.2	9.3	29.2	19.7	19.7	16.1		
	at 1/4 load	h	20.0		12.7		18.5	12.8	41.4	28.5	28.5	22.7		
Battery (Ah/5h)	-	12 V x 28 Ah		12 V x 36 Ah		12 V (64 Ah)	12 V (64 Ah)	12 V (64 Ah)	12 V (64 Ah)	12 V (64 Ah)	12 V (64 Ah)	12 V (92 Ah)		
Dimensions L x W x H	mm	1066 x 618 x 698		1281 x 618 x 698		1429 x 779 x 971	1571 x 779 x 971	1750 x 914 x 1044	1845 x 914 x 1044	1845 x 914 x 1044	1845 x 914 x 1044	2047 x 914 x 1044		
	(in)	(41.97 x 24.3 x 27.5)		(50.43 x 24.3 x 27.5)		(56.26 x 30.7 x 38.2)	(61.85 x 30.7 x 38.2)	(68.89 x 36.0 x 41.10)	(68.89 x 36.0 x 41.10)	(68.89 x 36.0 x 41.10)	(68.89 x 36.0 x 41.10)	(80.59 x 36.0 x 41.10)		
Approximate Net Weight	kg (lbs)	235 (518)		295 (650)		530 (1168)	580 (1279)	668 (1470)	726 (1605)	742 (1632)	917 (2017)			
Sound Level (Full load at 23 ft (7mi))	dB (A)	66.0		68.0		75.5	76.5	63.0	64.0	64.0	65.0			
Emergency Stop System	-	In case of abnormal: Oil pressure, water temperature, or when the access terminal cover is opened					In case of abnormal: Oil pressure, water pressure, fan belt broken, and when side cover and door open with engine running		In case of abnormal: Oil pressure, water pressure, fan belt broken, and when side cover and door open with engine running					

\*Specifications and dimensions are subject to change without prior notice.