CONTROL PANEL

GL SERIES

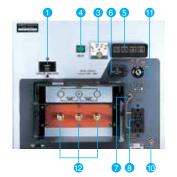
■ GL 7000 / GL 11000



3 AC Voltmeter 6 Monitor Lamps 4 Pilot Lamp

■ GL 7000TM / GL 11000TM





- 6 Hour Meter
- Receptacle Protector **10** Ground Terminal

■ *KJ-20*

Output Receptacles Key Switch Output Terminals

KJ SERIES **■** *KJ-13*

1 Circuit Breaker

2 Voltage Selector Switch



4 A.C. Ammeter 2 A.C. Voltmeter 6 Monitor Lamps

6 Voltage Adjuster

- 7 Hour Meter
- - 1 Output Terminals (U,N,V)
 - 9 No.1 10 No.2 11 No.3 12 No.4 13 No.5

■ *SQ-26SW* / *SQ-33SW*

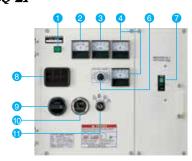
- (5 120/240V (CS6369) 6 120V (L6-30R)
- (5~(B) Output Receptacles (17 120V (L5-20R)
 - 120V (5-20R,GFI) Ground Terminal

SQ SERIES

1 Pilot Lamp

■ SQ-14 / SQ-21

3 Frequency Meter



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

J SERIES



■ Three Phase



Kubota Engine America Corporation

505 Schelter Road, Lincolnshire, IL 60069

Kubota

http://www.kubotaengine.com

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

Kubota

GENERATORS



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 enginerequirements 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 efficency guarantee longer hours of continual electrical energy on a single tank of fuel.

J series Max output (kVA)

. I		1 \ /
ıl	J107	6.5
e	J110	10.0
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

SO 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)

- OQ OCHOO MA	x output (it vi i)
SQ-14	13.5
SQ-21	20.6
SQ-26 SW	19.5-26.3
SQ-33 SW	24.0-33.1

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.



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.



Prime Output: (Single Phase) 13.5 to 24.0kVA

(Three Phase) 26.3 to 33.1kVA

Heavy-duty power generation

KJ SERIES



1. Easy Maintenance

Easy One-Side Maintenance

Extra-large swing-up panel makes engine inspection and maintenance guick 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



2. Safety

5

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

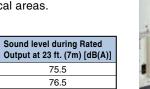
Twin-point lifting eyes make it easy to transport all KJ series generators.

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.





5. ATS

Model

KJ-13

KJ-20

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.

SQ SERIES

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

			KPK 07KS161B37S	KPK 11KS561B37S	KPK 15K5161B79S	KPK 20K5e61B79S	KPK 13KS521B37S	KPK 25K5e21B79S
MODEL		Unit	J107	J110	J114	J119	J313	J324
Туре		-		Revolving field, AC generator			Revolving field, AC generator	
Frequency		Hz		60			60	
Standby Output	kV/	/A (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		/A (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	-
		%	7.0 (No 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		-	7.0 (140 1080	Direct coupled	0.0 (NO load to fall load)	0.0 (No load to full load)	Direct coupled	0.0 (No load to fall load)
		-		Direct coupled			Direct coupled	
AMPS			F0.4	00.0	00.0	25.5		
Single Phase 110V		A	59.1	90.9	63.6 x 2	85.5 x 2	-	-
Single Phase 127V		Α	-		-	-	19.7 x 3	37.0 x 3
Single Phase 220V		Α	29.5	45.5	63.6	85.5	-	-
Single Phase 240V		Α	•	-	-	-	-	-
Three Phase 220V		Α	•	-	-	-	32.8	61.7
Three Phase 380V		Α	-	-	-	-	-	-
Three Phase 415V		Α	-	•	-	-	-	-
TERMINAL								
Terminal		-		Available			Available	
DIESEL ENGINE								
			Marie	tion A avalation in a solut diagon on	a dia a		Vertical 4 availational applications	
Type		-		tical 4-cycle liquid cooled diesel er		VACOE	Vertical 4-cycle liquid cooled diesel engine	1/4005
Model		-	Z482	D722	D1005	V1305	D722	V1305
Number of Cylinders		- ()	2	3	3	4	3	4
Bore x Stroke		nm (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		(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 Outp		N (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 classifica	•	-	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade	Above CF grade
Oil Capacity		(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	
SET								
Fuel				Diesel Fuel No.2 (ASTM D975)			Diesel Fuel No.2 (ASTM D975)	
at	t Full Load L/h	n (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)
	t 3/4 Load L/h	n (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)
Fuel Consumption at	t 1/2 Load L/h	n (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	it 1/4 Load L/h	n (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		(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)
	it Full Load	h	13.7	8.8	13.9	10.5	8.8	10.5
		h	16.8	10.9	17.2	13.2	10.9	13.2
001111111111111111111111111111111111111		h	20.6	13.2	21.4	16.1	13.2	16.1
u.	it 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)
Dattory (All/Oll)			923 x 593 x 860	995 x 593 x 860	12 V (35 AH) 1215 x 611 x 922	1300 x 611 x 922	995 x 593 x 860	1300 x 611 x 922
Dimensions L x W x H		mm (in)						
Approximate Net Weigh		(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 Weigh		g (lbs)	225 (496)	255 (562)	340 (750)	 380 (838)	255 (562)	380 (838)
Sound Level (Full Load at	aι ∠3 π (/MI))	dB (A)	76.0	76.5	81.0	82.0	76.5	82.0
Emergency Stop Syster	m	-	In case of abnormal: Oil pr	essure, 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

7

SPECIFICATIONS













		11	PK 07KS111B280	0	KPK 11KS511B28		NEW TIMOSTIDZOC	NEW TIMOSTIDZOC	NEW 14W2111D016	KPK 21K3711B81	WININ ZINOIZIDON	Q NEN 34N V	V 12 100		
MODEL		Unit	GL7000	GL7000TM	GL11000	GL11000TM	KJ-13	KJ-20	SQ-14	SQ-21	SQ-26SW	SQ-335			
Туре		-	Revolving field, AC generator			Revolving field, brus	shless AC generator	Revolving field, brushless AC generator							
Frequency		Hz			60		6	60	60						
Standby Output		kVA (kW)	7.0	(7.0)	11.0	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	se	V	120	/240	12	0/240	120/240	120/240	120/240	120/240	120/240		120/240		
Voltage - Three Phase	e	V		-		-	-	-	-	-	480 240 -	480 240	-		
Armature Connection	1	-	Sei	ries	S	eries	Series	Series	Series	Series	Star with neutral Zig-zag	-			
Phase/Wire		-	1	/4		1/3	1/3	1/3	1/3	1/3	3/12	3/12	2		
Power Factor		%	10	00		100	100	100	100	100	80 100	80	100		
Number of Poles		-	2	2		2	4	4	4	4	4	4			
Insulation		Class		Rotor coil; class F, Stator coil; class B			H	H			Н				
Voltage Regulation		%		·	- -		3.5 (No load	d to full load)		2.5 (No lo	oad to full load)				
Type of Coupling		-		Direct	t coupled		Direct o	coupled	Direct Coupled						
AMPS								<u> </u>							
Single Phase 120 V		А	27.1 x 2	27.1 x 2	41.7 x 2	41.7 x 2	52.1 x 2	81.7 x 2	56.3 x 2	85.8 x 2	81.3 x 2		100.0 x 2		
Single Phase 240 V		A	27.1	27.1	41.7	41.7	52.1	81.7	56.3	85.8	81.3		100		
Three Phase 208 V		A		-	-	-	-	-	-	-	- 63.3 -	- 79.6	-		
Three Phase 480 V		A	-	-	-	-	-	-	-	-	31.6	39.8 -	-		
NUMBER OF RECE	EPTACLES														
5-15R		-	-	-	-	-	-	-	-	-	-	-			
5-20RA (GFCI)		-	1	1	2	1	1	1	1	1	1	1			
6-15R		-	-	-	-	-	-	-	-	-	-	-			
L5-20R		-	-	-	-	-	1	1	-	-	-	-			
L5-30R		-	1	-	1	-	-	-	1	1	1	1			
L6-30R		-	1	-	1	-	1	1	-	-	-	-			
L14-30R		-	1	-	-	-	-	-	1	-	-	1			
CS-6369		-	-	-	1	-	1	1	1	2	2	2			
TERMINAL															
Terminal		-		Ava	ailable		Avai	ilable		A	vailable				
DIESEL ENGINE				V 14						V 11 14 1 11					
Type Model		-	74	82	id cooled diesel engine	0722	Vertical 4-cycle liquid	l cooled diesel engine	D1703-M	Vertical 4-cycle liqi V2403-M	uid cooled diesel engine V2403-M	V3300	<u> </u>		
		-	<u> </u>	-02	L	1122	D1703-W	V2203-M	D 1703-W	V2403-IVI	V24U3-IVI		JU		
Number of Cylinders		_)		3	3	4	3	4	4	4			
Number of Cylinders Bore x Stroke		- mm (in)	2	2 (2.64 x 2.68)		3) (2.64 x 2.68)	3 87.0 x 92.4 (3.43 x 3.64)	4 87.0 x 92.4 (3.43 x 3.64)	3 87.0 x 92.4 (3.43 x 3.64)	4 87.0 x 102.4 (3.43 x 4.031)	4 87.0 x 102.4 (3.43 x 4.031)	98.0 x 110.0 (3.8	86 x 4 331)		
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 (3.8			
Bore x Stroke Displacement		mm (in) L (cu.in.)	67.0 x 68.0 (0.479	(2.64 x 2.68) (29.2)	67.0 x 68.0 0.71	0 (2.64 x 2.68) 9 (43.9)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5)	98.0 x 110.0 (3.8 3.318 (20	02.5)		
Bore x Stroke Displacement Engine Speed	utput	mm (in) L (cu.in.) rpm	67.0 x 68.0 (0.479	(2.64 x 2.68) (29.2)	67.0 x 68.0 0.71	0 (2.64 x 2.68) 9 (43.9) 600	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800	98.0 x 110.0 (3.8 3.318 (20 1800	02.5)		
Bore x Stroke Displacement		mm (in) L (cu.in.)	67.0 x 68.0 (0.479 36 8.1	(2.64 x 2.68) (29.2) 00 (11)	67.0 x 68.0 0.71: 3 12.2	0 (2.64 x 2.68) 9 (43.9) 6600 2 (16.3)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40	02.5) 0 0.1)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out		mm (in) L (cu.in.) rpm	67.0 x 68.0 (0.479	(2.64 x 2.68) (29.2) 00 (11) 2F grade	67.0 x 68.0 0.71 3 12.2 Above	0 (2.64 x 2.68) 9 (43.9) 600	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800	98.0 x 110.0 (3.8 3.318 (20 1800	02.5) 0 0.1) grade		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific		mm (in) L (cu.in.) rpm kW (HP)	67.0 x 68.0 (0.479 36 8.1 Above C	(2.64 x 2.68) (29.2) 00 (11) 2F grade (2.3)	67.0 x 68.0 0.71 3 12.2 Above	9 (43.9) 9 (16.3) 2 (16.3) CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (02.5) 0 0.1) grade 3.9)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific		mm (in) L (cu.in.) rpm kW (HP) - L (qts)	67.0 x 68.0 (0.479 36 8.1 Above C	(2.64 x 2.68) (29.2) 00 (11) CF grade (2.3) (3.9)	67.0 x 68.0 0.71 3 12.2 Above	9 (43.9) 9 (43.9) 6600 2 (16.3) CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (02.5) 0 0.1) grade 3.9)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity		mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts)	67.0 x 68.0 (0.479 36 8.1 Above C	(2.64 x 2.68) (29.2) 00 (11) CF grade (2.3) (3.9)	67.0 x 68.0 0.71 3 12.2 Above 3.4	9 (43.9) 9 (43.9) 6600 2 (16.3) CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (02.5) 0 0.1) grade 3.9)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System		mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts)	67.0 x 68.0 (0.479 36 8.1 Above C	(2.64 x 2.68) (29.2) 00 (11) CF grade (2.3) (3.9)	67.0 x 68.0 0.71 3 12.2 Above 3.4	9 (43.9) 9 (43.9) 6600 2 (16.3) CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric -	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (02.5) 0 0.1) grade 3.9)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System		mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts)	67.0 x 68.0 (0.479 36 8.1 Above C	(2.64 x 2.68) (29.2) 00 (11) F grade (2.3) (3.9) Electric	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 - 12 volt DC	9 (43.9) 9 (43.9) 6600 2 (16.3) CF grade	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric -	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (02.5) 0 0.1) f grade 3.9) 0)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel	fication)	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) -	67.0 x 68.0 (0.479 36 8.1 Above C 2.2 (3.7 ((2.64 x 2.68) (29.2) 00 (111) F grade (2.3) (3.9) Electric Diesel Fuel No	67.0 x 68.0 0.71: 3 12.2 Above 3.4 4.1 - 12 volt DC 0.2 (ASTM D975)	9 (43.9) 9 (43.9) 1600 2 (16.3) CF grade 1 (3.6) (4.3)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric -	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 3-12 volt DC	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF 9 13.2 (13 9.5 (10	02.5) 0 0.1) 5 grade 3.9) 0)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System	at Full Load at 3/4 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h)	2.6 (i 2.1 (i 3.7 (i 3.7 (i 3.7 (i 3.7 (i) 3.7	(2.64 x 2.68) (29.2) 00 (11) 2F grade (2.3) (3.9) Electric - Diesel Fuel No 0.69) 0.55)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 - 12 volt DC 0.2 (ASTM D975) 4.1 3.3	(2.64 x 2.68) 9 (43.9) 9 (43.9) 1600 2 (16.3) CF grade 4 (3.6) (4.3) (1.1) (0.86) (0.71)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3	02.5) 0 0.1) f grade 3.9) 0)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SIT Fuel Fuel Consumption	at Full Load at 3/4 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h)	2.6 (i 2.1 (i 3.1 (i 3.7 (i 3.1 (i 3.	(2.64 x 2.68) (29.2) 00 (11) 0F grade (2.3) (3.9) Electric Diesel Fuel No 0.69) 0.55) 0.45)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 - 12 volt DC 0.2 (ASTM D975) 4.1 3.3 2.7	(1.1) (0.86) (0.71) (0.59)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9	02.5) 0 0.1) c grade 3.9) 0) .4) .8) .3)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System S=T Fuel	at Full Load at 3/4 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h)	2.6 ((2.1 () 2.8 () 2.8 () 2.8 () 2.9 () 2.1 () 2.1 () 2.1 () 2.1 () 2.2 ()	(2.64 x 2.68) (29.2) 00 (11) 0F grade (2.3) (3.9) Electric Diesel Fuel No 0.69) 0.55) 0.45) 0.38) (7.39)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 0.2 (ASTM D975) 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59) (0.739)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3	02.5) 0 0.1) c grade 3.9) 0) .4) .8) .3)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel	at Full Load at 3/4 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h)	2.6 ((2.1 () 2.8 () 2.8 () 2.8 () 2.9 () 2.1 () 2.1 () 2.1 () 2.1 () 2.2 ()	(2.64 x 2.68) (29.2) 00 (11) 0F grade (2.3) (3.9) Electric Diesel Fuel No 0.69) 0.55) 0.45)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 0.2 (ASTM D975) 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9	02.5) 0 0.1) 6 grade 3.9) 0) -4) .8) .3) 95)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity Continuous	at Full Load at 3/4 Load at 1/2 Load at 1/4 load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h)	2.6 (0 2.1 (1 2.8 o 1) 10 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	(2.64 x 2.68) (29.2) (00 (11) (2.7) (2.3) (3.9) Electric Diesel Fuel No. (0.69) (0.45) (0.38) (7.39) (0.0 (3.3)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 - 12 volt DC 0.2 (ASTM D975) 4.1 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59) (0.739)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9 81.4 (21	02.5) 0 0.1) 6 grade 3.9) 0) -4) .8) .3) 95)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SIT Fuel Fuel Consumption	at Full Load at 3/4 Load at 1/2 Load at 1/4 load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) L (gal) h	2.6 (0 2.1 (1 28.0) 1.7 (1 1.4 (1 28.0)	(2.64 x 2.68) (29.2) (00 (11) (27) (2.3) (3.9) Electric Diesel Fuel No (0.69) (0.45) (0.38) (7.39) (0.0 (3.3 (3.9) (7.39) (3.9)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.739) (1.39)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF 9 13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9 81.4 (21 9.0	02.5) 0 0.1) 6 grade 3.9) 0) .4) .8) .3) 95)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at Full Load at 3/4 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h	2.6 (0 2.1 (1 1.4 (0 28.0 (1 1.5 (1.5 ((2.64 x 2.68) (29.2) (00 (11) (2F grade (2.3) (3.9) Electric Diesel Fuel No (0.69) (0.45) (0.38) (7.39) (0.0 (3.3 (3.3 (3.5) (3.5) (3.6)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59) (0.70) (0.59) (0.71) (0.4)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13)) 9.5 (10) 9.0 (2.4 6.9 (1.8 5.1 (1.3) 3.6 (0.9) 81.4 (21) 9.0 11.9 16.1 22.7	02.5) 0 0.1) 6 grade 3.9) 0) .4) .8) .3) 95) 1.5)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity Continuous	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at 3/4 Load at 3/4 Load at 3/4 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h h	2.6 (0 2.1 (1 2.8 0.0 1.2 0.0	(2.64 x 2.68) (29.2) (00 (11) (27) (2.3) (3.9) Electric Diesel Fuel No (0.69) (0.55) (0.45) (0.38) (7.39) (0.0 (3.3 (3.5) (3.9) Electric Diesel Fuel No (0.69) (0.28 Ah	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59) (0.70) (0.85) (0.70) (0.87) (0.70) (0.88) (0.71) (0.88) (0.71) (0.88) (0.71) (0.88) (0.71) (0.88)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2 18.5 12 V (64 Ah)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3 12.8 12 V (64 Ah)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5 29.2 41.4 12 V (64 Ah)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2- 12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (10 13.2 (13) 9.5 (10) 9.0 (2.4 6.9 (1.8 5.1 (1.3) 3.6 (0.9) 81.4 (21) 9.0 11.9 16.1 22.7 12 V (92)	02.5) 0 0.1) 6 grade 3.9) 0) .4) .8) .3) 95) 1.5)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity Continuous Operation Hours	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at Full Load at 3/4 Load at 1/2 Load at 1/2 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h h h h nm	2.6 (2.1 (2.8.0) 1.7 (2.8.0) 1.7 (2.8.0) 1.7 (2.9.	(2.64 x 2.68) (29.2) (00 (111) CF grade (2.3) (3.9) Electric Diesel Fuel No (0.69) (0.55) (0.45) (0.38) (7.39) (0.0 (3.3 (5.5 (0.0 (28 Ah (18 x 698)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 2.7 2.2 28.0 12 Volt DC	(1.1) (0.59) (0.73) (1.3) (1.1) (0.86) (0.71) (0.59) (0.7.39) (7.0) 8.5 (0.4) (2.7) (2.8) (2.7) (3.6) (4.3)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2 18.5 12 V (64 Ah) 1429 x 779 x 971	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3 12.8 12 V (64 Ah) 1571 x 779 x 971	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5 29.2 41.4 12 V (64 Ah) 1750 x 914 x 1044	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9 81.4 (21 9.0 11.9 16.1 22.7 12 V (92 2047 x 914 :	02.5) 0 0.1) 1 grade 3.9) 0) .4) .8) .3) 95) 1.5) 0 1 7 2 Ah) 4 x 1044		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity Continuous Operation Hours Battery (Ah/5h) Dimensions L x W x H	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at 3/4 Load at 1/2 Load at 1/4 load at 1/2 Load at 1/2 Load at 1/2 Load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h h h h mm (in)	2.6 ((41.97 x 2.4)	(2.64 x 2.68) (29.2) 00 (11) 0F grade (2.3) (3.9) Electric Diesel Fuel No 0.69) 0.55) 0.45) 0.38) (7.39) 0.0 3.3 6.5 0.0 28 Ah 18 x 698 4.3 x 27.5)	67.0 x 68.0 0.71: 3 12.2 Above 3.4 4.1 -12 volt DC 0.2 (ASTM D975) 4.1 3.3 2.7 2.2 28.0	(1.1) (0.86) (0.71) (0.59) (0.739) 7.0 8.5 (10.4 (1.2.7 (1.3) (1.4) (1.5) (1.1	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2 18.5 12 V (64 Ah) 1429 x 779 x 971 (56.26 x 30.7 x 38.2)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3 12.8 12 V (64 Ah) 1571 x 779 x 971 (61.85 x 30.7 x 38.2)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5 29.2 41.4 12 V (64 Ah) 1750 x 914 x 1044 (68.89 x 36.0 x 41.10)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9 81.4 (21 9.0 11.9 16.1 22.7 12 V (92 2047 x 914; (80.59 x 36.0	02.5) 0 0.1) f grade 3.9) 0) .4) .8) .3) 95) 1.5) 6 1 7 2 Ah) 4 x 1044 0 x 41.10)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SET Fuel Fuel Consumption Fuel Tank Capacity Continuous Operation Hours Battery (Ah/5h) Dimensions L x W x H Approximate Net Weig	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at 3/4 Load at 1/4 load at 1/4 Load at 1/2 Load at 1/2 Load at 1/4 load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h h h h h h h h h h h h	2.6 (0 2.1 (1 1.4 (1 28.0 (1 2 12 V x 1066 x 6 (41.97 x 2 235 (1 0.479 x 26 (2.35 (1 0.479 x 26 (2.35 (1 0.479 x 2 235 (1 0.479 x 2 235 (1 0.479 x 2 235 (1 0.479 x 2 2 2 235 (1 0.479 x 2 2 2 235 (1 0.479 x 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(2.64 x 2.68) (29.2) (00 (111) CF grade (2.3) (3.9) Electric Diesel Fuel No (0.69) (0.55) (0.45) (0.38) (7.39) (0.0 (3.3 (3.5 (3.5 (3.9) (4.5 (4.5 (4.5 (4.5 (4.5 (4.5 (4.5 (4.5	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 3.3 2.7 2.2 28.0 12 V 1281 x (50.43 x	(1.1) (0.59) (0.739) (1.39) (1.1) (0.59) (0.71) (0.59) (0.74) (1.2.7 (1.39) (1.39) (1.4) (1.5) (1.1) (87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2 18.5 12 V (64 Ah) 1429 x 779 x 971 (56.26 x 30.7 x 38.2) 530 (1168)	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3 12.8 12 V (64 Ah) 1571 x 779 x 971 (61.85 x 30.7 x 38.2) 580 (1279)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5 29.2 41.4 12 V (64 Ah) 1750 x 914 x 1044 (68.89 x 36.0 x 41.10) 668 (1470)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10) 726 (1605)	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10) 742 (1632)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13 9.5 (10 9.0 (2.4 6.9 (1.8 5.1 (1.3 3.6 (0.9 81.4 (21 9.0 11.9 16.1 22.7 12 V (92 2047 x 914 (80.59 x 36.0 917 (20	02.5) 0 0.1) 1 grade 3.9) 0) .4) .8) .3) 95) 1.5) 6 1 7 2 Ah) 1 x 1044 0 x 41.10) 017)		
Bore x Stroke Displacement Engine Speed Continuous Rated Out Lubricant (API classific Oil Capacity Coolant Capacity Starting System SIT Fuel Fuel Consumption Fuel Tank Capacity Continuous Operation Hours Battery (Ah/5h) Dimensions L x W x H	at Full Load at 3/4 Load at 1/2 Load at 1/4 load at 3/4 Load at 1/4 load at 1/4 Load at 1/2 Load at 1/4 Load at 1/4 load	mm (in) L (cu.in.) rpm kW (HP) - L (qts) L (qts) - L/h (gal/h) L/h (gal/h) L/h (gal/h) L/h (gal/h) h h h h mm (in)	2.6 (0 2.1 (1 1.4 (1 28.0 (1 2 12 V x 1066 x 6 (41.97 x 2 235 (1 0.479 x 26 (2.35 (1 0.479 x 26 (2.35 (1 0.479 x 2 235 (1 0.479 x 2 235 (1 0.479 x 2 235 (1 0.479 x 2 2 2 235 (1 0.479 x 2 2 2 235 (1 0.479 x 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(2.64 x 2.68) (29.2) 00 (11) 0F grade (2.3) (3.9) Electric Diesel Fuel No 0.69) 0.55) 0.45) 0.38) (7.39) 0.0 3.3 6.5 0.0 28 Ah 18 x 698 4.3 x 27.5)	67.0 x 68.0 0.71 3 12.2 Above 3.4 4.1 -12 volt DC 4.1 3.3 2.7 2.2 28.0 12 V 1281 x (50.43 x	(1.1) (0.86) (0.71) (0.59) (0.739) 7.0 8.5 (10.4 (1.2.7 (1.3) (1.4) (1.5) (1.1	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) Electric - Diesel Fuel No. 4.8 (1.3) 3.7 (0.98) 2.8 (0.74) 2.0 (0.53) 37.0 (9.77) 7.7 10.0 13.2 18.5 12 V (64 Ah) 1429 x 779 x 971 (56.26 x 30.7 x 38.2) 530 (1168) 75.5	87.0 x 92.4 (3.43 x 3.64) 2.197 (134.1) 1800 23.7 (31.8) Above CF grade 9.5 (10) 8.7 (9.2) 12 volt DC 2 (ASTM D975) 6.9 (1.8) 5.3 (1.4) 4.0 (1.1) 2.9 (0.77) 37.0 (9.77) 5.4 7.0 9.3 12.8 12 V (64 Ah) 1571 x 779 x 971 (61.85 x 30.7 x 38.2)	87.0 x 92.4 (3.43 x 3.64) 1.647 (100.5) 1800 17.3 (23.2) Above CF grade 7.0 (7.4) 6.9 (7.3) 4.9 (1.3) 3.8 (1.0) 2.8 (0.74) 1.97 (0.52) 81.4 (21.5) 16.5 21.5 29.2 41.4 12 V (64 Ah) 1750 x 914 x 1044 (68.89 x 36.0 x 41.10) 668 (1470) 63.0	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) Electric Diesel Fuel N 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10) 726 (1605) 64.0	87.0 x 102.4 (3.43 x 4.031) 2.434 (148.5) 1800 23.7 (31.8) Above CF grade 9.5 (10) 7.8 (8.2) 2-12 volt DC No. 2 (ASTM D975) 7.3 (1.9) 5.5 (1.5) 4.0 (1.1) 2.9 (0.75) 81.4 (21.5) 11.1 14.7 19.7 28.5 12 V (64 Ah) 1845 x 914 x 1044 (68.89 x 36.0 x 41.10)	98.0 x 110.0 (3.8 3.318 (20 1800 29.9 (40 Above CF (13.2 (13)) 9.5 (10) 9.0 (2.4 6.9 (1.8 5.1 (1.3) 3.6 (0.9) 81.4 (21) 9.0 11.9 16.1 22.7 12 V (92) 2047 x 914 (80.59 x 36.0) 917 (20) 65.0	02.5) 0 0.1) 1 grade 3.9) 0) .4) .8) .3) 95) 1.5) 6 1 7 2 Ah) 1 x 1044 0 x 41.10) 017)		

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