

# 13KS-1



Frequency	Phase	Voltage	PRP (Prime)	ESP (Standby)	Power Factor	MCB Rating	RPM
50Hz	1	240 VAC	12KVA / 12KW	13.2KVA / 13.2KW	1.0	63A	1500

## Canopy / Skid

- 2MM GALVANISED STEEL CANOPY
- HIGH QUALITY POLYESTER POWDER COAT FINISH UV RESISTANT
- LOCKABLE MAINTENANCE ACCESS DOORS
- CONTROL PANEL VIEWING WINDOW
- FORK POCKETS INTEGRATED INTO ROBUST SKID BASE
- MANUAL OIL DRAIN PUMP
- MECHANICAL COMPONENT GUARDS
- HOT COMPONENT GUARDS
- SINGLE LIFT POINT
- DOOR OPEN STAYS
- FULLY BUNDED BASE FRAME
- SOUND PROOFING - HIGH DENSITY ROCKWOOL
- LONG RUN INTEGRATED DIESEL TANK
- 50 DEGREE COOLING PACKAGE
- ANTI VIBRATION MOUNTS
- SINGLE & THREE PHASE RCD PROTECTED OUTLETS

## Weight & Dimensions

- LENGTH: 2100MM
- WIDTH: 930MM
- HEIGHT: 1370MM
- WEIGHT: 701 KG DRY

## Sound Pressure Level @ 75% Load - Free Field

- 67 DB(A) @ 7 METERS

## All ratings are to standard reference conditions ISO 8528

- **STANDBY:** THIS RATING IS FOR THE SUPPLY OF CONTINUOUS ELECTRICAL POWER, AT VARIABLE LOAD, IN THE EVENT OF A UTILITY POWER FAILURE. NO OVERLOAD IS PERMITTED.E TO STANDARD REFERENCE CONDITIONS ISO 8528
- **PRIME:** THIS RATING IS FOR THE SUPPLY OF CONTINUOUS ELECTRICAL POWER, AT VARIABLE LOAD, IN LIEU OF COMMERCIAL PURCHASE POWER. THERE IS NO LIMITATION ON THE ANNUAL HOURS OF OPERATION AND 10% OVER LOAD POWER CAN BE SUPPLIED FOR 1 HOUR IN 12.

## ALTERNATOR Mecce Alte ECP28 3S4C

• POLES	4
• WINDING CONNECTIONS	STAR
• INSULATION	CLASS H
• INGRESS PROTECTION	IP23
• EXCITER SYSTEM	BRUSHLESS ELECTRONIC
• VOLTAGE REGULATOR	DIGITAL AVR
• STEADY STATE VOLTAGE REGULATION	+/- 1.0%
• BEARING	SINGLE BEARING SEALED
• COUPLING	FLEXIBLE DISC
• COOLING	DIRECT DRIVE CENTRIFUGAL BLOWER FAN
• COATING	WINDING PROTECTION GREY

## ENGINE Kubota (Japan) D1703-E2BG

• RPM	1500	
• FUEL	DIESEL	No.2-D (ASTM D975)
• INJECTION	BOSCH	"THROTTLE TYPE" INJECTORS
• ASPIRATION	NATURAL	
• CYLINDERS	3	FIRING ORDER 1,2,3
• BORE & STROKE	87 * 92.4 MM	4 CYCLE DIESEL ENGINE
• DISPLACEMENT	1,947 CM3	
• COMPRESSION RATIO	24:1	
• ENGINE OIL SPECIFICATION	VERTICAL WATER COOLED	RADIATOR WITH BLOW FAN
• ENGINE OIL CAPACITY	CLASS CF OIL	
• COOLANT CAPACITY	5.1L	FILTER -FULL FLOW PAPER PAPER CARTRIDGE
• GOVERNOR	MECHANICAL	REGULATION LESS THAN 5%
• AIR FILTER	DRY ELEMENT	CARTRIDGE
• STARTING SYSTEM	ELECTRIC STARTING	12 VOLTS
• STARTING SUPPORT	GLOW PLUGS	POSITIONED IN COMBUSTION CHAMBER

## Electrical System & Control

• DSE 7320 MK11 CONTROLLER	DEEP SEA ELECTRONICS	
• 4 POLE 10 AMP CIRCUIT BREAKER	SCHNEIDER	
• BATTERY ISOLATOR	LOCKABLE	
• 240 VOLT BATTERY CHARGER (MAX.CURRENT 2A )	SMARTGEN	MAX.CHARGING 6 AMP
• STARTER MOTOR	kW	0.9
• BATTERY CAPACITY	AH	65 AH
• NUMBER OF BATTERIES	QTY	1
• AUXILIARY VOLTAGE	V	12VDC
• CHARGING ALTERNATOR	12 VOLTS	OUTPUT 360 WATTS 30 AMPS
• 2 WIRE REMOTE START		
• ENGINE BLOCK JACKET HEATER		
• FUEL SENDER	RESISTIVE	
• EMERGENCY STOP	1	

## Electrical Outlets

- 3 X 15A SINGLE PHASE WEATHERPROOF OUTLETS PROTECTED BY SCHNEIDER RCBO
- 1 X 3 PHASE HARD WIRE TERMINAL POSTS

## Fuel Consumption

• 100% LOAD PRIME	4.0 L/HR	• 100% LOAD STANDBY	4.4 L/HR
• 75% LOAD PRIME	3.0 L/HR	• 75% LOAD STANDBY	3.3 L/HR
• 50% LOAD PRIME	2.0 L/HR	• 50% LOAD STANDBY	2.2 L/HR

## Fuel System

• FUEL OIL SPECIFICATION	2-D DIESEL
• BUNDED FUEL TANK CAPACITY	130 LITRES
• EXTERNAL FUEL FILL	LOCKABLE / EXTERNAL

## Exhaust Emissions

- EPA TIER 2