



SG ENERGY

INDUSTRIAL RANGE

P710CS



Frequency 50Hz

Voltage 415

Power ESP 713 kVA 570 kW

Rated Speed RPM 1500

Power PRP 650 kVA 520kW

Power Factor 0.8

MCB Rating 1000 AMPS

Fuel Capacity 1800 LT



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 TO STANDARD REFERENCE CONDITIONS ISO 8528

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THERE IS NO LIMITATION ON THE ANNUAL HOURS OF OPERATION AND 10% OVER LOAD POWER CAN BE SUPPLIED FOR 1 HOUR IN 12.

SGENERGY HAS THE RIGHT TO MODIFY ANY FEATURE WITHOUT PRIOR NOTICE. WEIGHTS AND DIMENSIONS BASED ON STANDARD PRODUCTS.

ILLUSTRATIONS MAY INCLUDE OPTIONAL EQUIPMENT. TECHNICAL DATA DESCRIBED IN THIS CATALOGUE CORRESPOND TO THE AVAILABLE INFORMATION AT THE MOMENT OF PRINTING. THE ILLUSTRATIONS AND IMAGES ARE INDICATIVE AND MAY NOT COINCIDE IN THEIR ENTIRETY WITH THE PRODUCT





STANDARD FEATURES

- GALVANISED STEEL ACOUSTIC CANOPY
- RENTAL SKID BASE
- INTEGRATED FORK POCKETS
- HIGH QUALITY POWDER COAT FINISH
- MANUAL SUMP OIL DRAIN PUMP
- DOOR OPEN STAYS
- LOCKABLE MAINTENANCE ACCESS DOORS
- MECHANICAL & HOT COMPONENT GUARDS
- FULLY BUNDED BASE FRAME
- CONTROL PANEL VIEWING WINDOW
- SOUND PROOFING - ROCKWOOL
- LONG RUN INTEGRATED DIESEL TANK
- 50 DEGREE COOLING PACKAGE
- ANTI VIBRATION MOUNTS
- ANTI CONDENSATION HEATERS

ENGINE SPECIFICATIONS

MANUFACTURER	CUMMINS	FUEL CONSUMPTION ESP	161 L/PH
MODEL	QSK19-G4	FUEL CONSUMPTION 100% PRP	147 L/PH
ENGINE TYPE	FOUR CYCLE, INLINE, 6 CYLINDER	FUEL CONSUMPTION 75 % PRP	111 L/PH
INJECTION TYPE	CUMMINS DIRECT INJECTION MCRS	FUEL CONSUMPTION 50 % PRP	78 L/PH
ASPIRATION TYPE	TURBOCHARGED, AIR COOLED	DISPLACEMENT	19 L
BORE AND STROKE	159 MM X 159 MM	COMPRESSION RATIO	15.0:1

ALTERNATOR SPECIFICATIONS

MANUFACTURER	MECCE ALTE	POLES	4
MODEL	ECO40 2L4B	INSULATION	H CLASS
PRIME AMPS PER φ	AMPS	VOLTAGE REGULATOR	AVR ELECTRONIC

DIMENSIONS

LENGTH	5000 MM	WIDTH	2000- MM
HEIGHT	2550 MM	WEIGHT	7500 KG

CONTROLLER OPTIONS

DSE 7320 MKII CONTROLLER (STANDARD)

COMAP IG500 CONTROLLER - SYNC (OPTION)

WARRANTY STATEMENT

'Prime' applications the warranty period is 12 months from date of start-up, limited to 2,000 hours.

'Standby' applications the warranty period is 24 months from date of start-up, limited to 500 hours per year.

SGENERGY POWER PRODUCTS WARRANTS NEW ELECTRIC POWER GENERATION PRODUCTS SOLD BY IT TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP. THE WARRANTY IS SUBJECT TO THE FOLLOWING:

The User's Responsibilities

THE USER IS RESPONSIBLE FOR:

- INSTALLING, OPERATING AND MAINTAINING THE GENERATOR SET IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ENSURING INITIAL START-UP IS PERFORMED BY AN AUTHORISED REPRESENTATIVE OF THE COMPANY OR IT DEALERS. IN EXCEPTIONAL CIRCUMSTANCES, SAID START-UP WILL BE WAIVED BUT ONLY IF A PREDELIVERY INSPECTION HAS BEEN COMPLETED. IN SUCH CIRCUMSTANCES, WARRANTY WILL BE ADJUDGED TO HAVE COMMENCED ONE MONTH AND TERMINATED 13 MONTHS AFTER THE DATE OF SHIPMENT BY THE COMPANY.
- MAKING THE EQUIPMENT AVAILABLE FOR REPAIR AS SOON AS THE DEFECT HAS BECOME APPARENT.
- ACCEPTING THE COMPANY'S SOLE JUDGEMENT AS TO WHETHER THE FAULTY PART IS DEFECTIVE IN MATERIAL OR WORKMANSHIP.
- LABOUR COSTS, EXCEPT AS STATED UNDER "THE COMPANY'S RESPONSIBILITIES,". FOR AVOIDANCE OF DOUBT, COMPANY IS NOT RESPONSIBLE FOR LABOUR COSTS ASSOCIATED WITH REMOVAL OR REINSTALLATION OF THE EQUIPMENT ON SITE.
- THE COSTS AND RISKS FOR TRANSPORT/SHIPPING AND OTHER CHARGES ASSOCIATED WITH THE REPLACEMENT OF THE REPAIR PARTS.
- ANY COSTS IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT.
- OTHER MISCELLANEOUS COSTS INCLUDING BUT NOT LIMITED TO COURIER, TRAVEL, MILEAGE, LODGING, TAXES, TELEPHONE CALLS, OVERTIME, ETC., EXCEPT AS STATED UNDER "THE COMPANY'S RESPONSIBILITIES."
- COMPLETING ANY OUTSTANDING PAYMENTS FOR THE PURCHASE OF EQUIPMENT, PARTS OR SERVICES RELATING TO THE EQUIPMENT UNDER WARRANTY.

The Company's Responsibilities

IF A DEFECT IN MATERIAL OR WORKMANSHIP ARISES DURING THE WARRANTY PERIOD THE COMPANY WILL DURING NORMAL WORKING HOURS AND THROUGH A PLACE OF BUSINESS OF A SGENERGY OR SOUTHERN GENERATORS & ELECTRICAL BRANCH OR OTHER SOURCE APPROVED BY THE COMPANY:

- REPLACE OR AT THE COMPANY'S DISCRETION REPAIR THE DEFECTIVE PARTS.
- PROVIDE FOR REASONABLE AND CUSTOMARY LABOUR COSTS TO CORRECT THE DEFECT, INCLUDING LABOUR TO DISCONNECT AND RECONNECT THE PRODUCT TO IT'S ATTACHED EQUIPMENT, MOUNTINGS AND SUPPORT SYSTEMS, EXCEPT IF SUCH EQUIPMENT, MOUNTINGS AND SUPPORT SYSTEMS ARE SUPPLIED BY A THIRD PARTY.
- PROVIDE FOR THE COST OF SERVICE SUPPLIES SUCH AS COOLANT OIL AND FILTERS WHICH ARE MADE UNSERVICEABLE BY THE DEFECT.
- PROVIDE TRAVEL LABOUR, UP TO FOUR HOURS AND 200 KILOMETERS ROUND TRIP, IF THE ENGINE IS INOPERATIVE DUE TO A DEFECT AND, IN THE OPINION OF THE COMPANY, IT CANNOT REASONABLY BE TRANSPORTED TO AN APPROPRIATE SERVICE LOCATION.

Limitations

THIS WARRANTY DOES NOT COVER:

- DEFECTS DUE TO THE USER'S IMPROPER INSTALLATION, MAINTENANCE OR USE AS ADJUDGED BY THE COMPANY.
- ALTERATIONS OR REPAIRS NOT AUTHORISED BY THE COMPANY IN WRITING.
- ANY OPERATION IN EXCESS OF THE COMPANY'S RATING OR OUTSIDE THE STATED SITE CONDITIONS.
- NORMAL WEAR AND TEAR.
- DAMAGE TO PARTS, FIXTURES, HOUSINGS, ATTACHMENTS AND ACCESSORY ITEMS THAT ARE NOT PART OF THE ELECTRIC POWER GENERATION PRODUCT.
- ANY PRODUCT SPECIFIC HOURS LIMITATIONS.

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