



SG ENERGY

INDUSTRIAL RANGE

P90FS



FREQUENCY	50Hz	VOLTAGE	240/415	
Power ESP	90 kVA	72 kW	RATED SPEED RPM	1500
Power PRP	80 kVA	64 kW	POWER FACTOR	0.8
		FUEL CAPACITY	530 LITRE	



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

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.

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
- STAINLESS STEEL LOCKS & HINGES

ENGINE SPECIFICATIONS

MANUFACTURER	FPT/IVECO	FUEL CONSUMPTION 100% PRP	27.6 L/PH
MODEL	NEF45TM3.S500	FUEL CONSUMPTION 80 % PRP	20.7 L/PH
ENGINE TYPE	4-STROKE DIESEL	FUEL CONSUMPTION 50 % PRP	14.4 L/PH
INJECTION TYPE	DIRECT INJECTION	DISPLACEMENT	4.5 L
ASPIRATION TYPE	TURBOCHARGED, AFTERCOOLED	COMPRESSION RATIO	17.5:1
BORE AND STROKE	104 MM X 132 MM		

ALTERNATOR SPECIFICATIONS

MANUFACTURER	MECCE ALTE	POLES	4
MODEL	ECP32 2L4C	INSULATION	H CLASS
PRIME AMPS PER ϕ	AMPS	VOLTAGE REGULATOR	DSR

DIMENSIONS

LENGTH	2900 MM	WIDTH	1100 MM
HEIGHT	1962 MM	WEIGHT (EXCL FUEL)	1865 KG EXCL FUEL

CONTROLLER

DSE 7320 MKII CONTROLLER (STANDARD)

OUTLETS

2 X 15A SINGLE PHASE, 1 X 32A 3PHASE, 1 X 50A 3PHASE