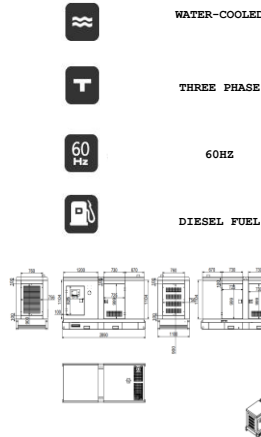


DIESEL GENERATOR SET / MEW POWER GENERATOR



STANDARD SPECIFICATIONS

- ENGINE
FOUR STROKE HEAVY DUTY HIGH PERFORMANCE INDUSTRIAL DIESEL ENGINE.
- ENGINE FILTRATION SYSTEM
• AIR FILTER
• FUEL FILTER
• FULL FLOW LUBO OIL FILTER
ALL FILTERS HAS REPLACEABLE ELEMENTS
- COOLING SYSTEM
EFFICIENT WATER-COOLED SYSTEM WITH COMPLETE SAFETY GUARDS, DESIGNED TO COOL THE ENGINE AT HIGH AMBIENT TEMPERATURES (CONSULT US FOR DE-RATION FACTORS)
- EXHAUST SYSTEM
HEAVY DUTY INDUSTRIAL EXHAUST SILENCER
- CIRCUIT BREAKER TYPE
DELIXI MCCB 3POLE

GENERATING SET MODEL		DC-163		ALTERNATOR DATA	
OUTPUT RATING	PRIME	STANDBY	MAKE	STAMFORD	
240V,3PH, 60HZ,1800RPM	148KVA	163KVA	MODEL	UCI274E	
	118KW	130KW	NO.OF BEARINGS	1	
ENGINE TECHNICAL DATA			INSULATION CLASS	H	
ENGINE MAKE	CUMMINS		WIRES	12	
ENGINE MODEL	6BTA5.9-G2		INGRESS PROTECTION	IP23	
GOVERNING TYPE	ELECTRICAL		EXCITATION SYSTEM	SHUNT	
NUMBER OF CYLINDERS	6		VOLTAGE	±1%	
CYLINDER ARRANGEMENT	IN-LINE		DIMENSION & WEIGHT		
BORE AND STROKE (mm)	102 X 120		LENGTH mm	2990	
DISPLACEMENT	5.9	L	WIDTH mm	1100	
ASPIRATION	TURBOCHARGED & AIRCOOLED		HEIGHT mm	1770	
CYCLE	4 STROKE		WEIGHT*kg	1750	
COMPRESSION RATIO	17.3:1		FUEL TANK CAPACITY	330L	
COOLING SYSTEM	WATER-COOLING		CONTROL PANEL		
FREQUENCY & ENGINE SPEED	PRIME	STANDBY	MAKE	DEEP SEA	
	60HZ & 1800RPM		MODEL	DSE6020	
GROSS ENGINE POWER kWm	132kWm	145kWm	PLEASE REFER TO DSE6020 BROCHURE FOR MORE DETAILS		
FUEL CONSUMPTION @ 100% L/hr	34	38	AN INSPIRED DESIGN TO MEET YOUR NEEDS		
FUEL CONSUMPTION @ 50% L/hr	18	-			

DIESEL GENERATOR SET / MEW POWER GENERATOR

RATINGS DEFINITION

PRIME POWER

THESE RATING ARE APPLICABLE FOR SUPPLYING CONTINUOUS ELECTRICAL POWER (AT VARIABLE LOAD) IN LIEU OF COMMERCIALY PURCHASED POWER. 10% OVERLOAD POWER IS AVAILABLE FOR 1HOUR IN 12HOURS CONTINUOUS OPERATION.

STANDBY POWER

THESE RATING ARE APPLICABLE FOR SUPPLYING CONTINUOUS ELECTRICAL POWER (AT VARIABLE LOAD) IN THE EVENT OF A UTILITY POWER FAILURE. NO OVERLOAD IS PERMITTED.

STANDARD REFERENCE CONDITIONS

OUTPUT RATING ARE PRESENTED AT 27°C AIR INLET TEMPERATURE, BAROMETRIC PRESSURE 100kPa, RELATIVE HUMIDITY 30%. THIS GENERATING SET IS DESIGNED TO OPERATE AT HIGH AMBIENT TEMPERATURE (UP TO 52°C), HUMIDITY (UP TO 90%) AND HIGH ALTITUDES. DE-RATION MAY APPLY, PLEASE CONSULT US FOR SPECIFIC SITE RATINGS.

AVAILABLE OPTIONS & ACCESSORIES

WE OFFER A RANGE OF OPTIONAL FEATURES AND ACCESSORIES TO TAILOR OUR GENERATING SETS TO MEET YOUR POWER NEEDS.

OPTIONS

- A VARIETY OF GENERATING SET CONTROL AND SYNCHRONIZING PANELS
- ADDITIONAL PROTECTION ALARMS AND SHUTDOWNS
- WATER - FUEL SEPERATOR
- WATERJACKET HEATER
- BATTERY CHARGER

ACCESSORIES

- GENUINE SPARE PARTS
- AUXILIARY FUEL TANKS
- MANUAL & AUTOMATIC TRANSFER SWITCHES

ASSEMBLED AND DISTRIBUTED BY



ADD:AVENIDA CIRCUNVALACION DEL SOL TORRE SANTA PAULA PLAZA III, PISO 3,
OFICINA 306 URBANIZACION SANTA PAULA, CARACAS, ZP 1061, VENEZUELA
ZP 1061, Caracas, Venezuela
<http://www.mewdevenezuela.com/>

mailto:info@mewdevenezuela.com

STANDARD SPECIFICATIONS

- FUEL SYSTEM
ON GENERATING SETS UP TO 750KVA STANDBY, THE CHASSIS DESIGN IS INCORPORATED WITH INTEGRAL FUEL TANK WITH A CAPACITY OF APPROX 5HOURS TO 8HOURS RUNNING AT FULL LOAD. THE TANK IS SUPPLIED COMPLETE WITH FILL CAP, BREATHER, FUEL FEED AND RETURN LINES TO THE ENGINE AND DRAIN PLUG.
- ALTERNATOR
7.1 INSULATION SYSTEM
• THE INSULATION SYSTEM IS CLASS H

• ALL WINDINGS ARE IMPREGNATED IN EITHER A TRIPLE DIP THERMOSETTING LIQUID, OIL AND ACID RESISTING POLYESTER VARNISH OR VACUUM PRESSURE IMPREGNATED WITH A SPECIAL POLYESTER RESIN.

• HEAVY COAT OF ANTITRACKING VARNISH ADDITIONAL PROTECTION AGAINST MOISTURE OR CONDENSATION
- AUTOMATIC VOLTAGE REGULATOR (AVR)
• THE FULLY SEALED AUTOMATIC VOLTAGE REGULATOR MAINTAINS THE VOLTAGE REGULATION AT ±1%.
- MOTOR STARING (OPTIONAL)
- AN OVERLOAD CAPACITY EQUIVALENT TO 300% OF THE FULL LOAD IMPEDANCE AT ZERO POWER FACTOR CAN BE SUSTAINED FOR 10 SECONDS, WHEN AREP (AUXILIARY WINDING)OPTION IS FITTED.
- MOUNTING ARRANGMENT
8.1 CHASSIS
THE COMPLETE GENERATING SET IS MOUNTED AS A WHOLE ON A HEAVY DUTY FABRICATED STEEL CHASSIS.

IN LINE WITH CONTINUOUS PRODUCT DEVELOPMENT, WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.