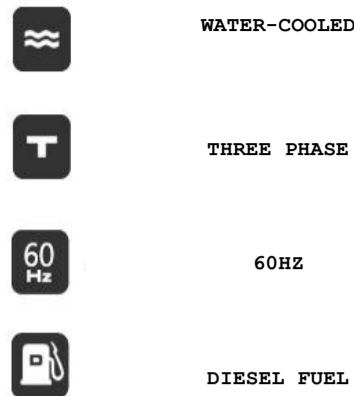


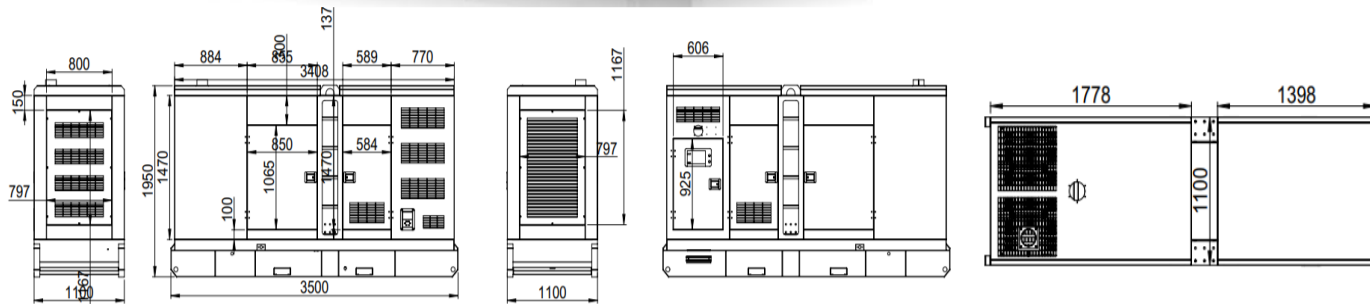
DIESEL GENERATOR SET / MEW POWER GENERATOR



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-431		ALTERNATOR DATA	
OUTPUT RATING	PRIME	STANDBY	MAKE	STAMFORD	
240V, 3PH, 60HZ, 1800RPM	394KVA	431KVA	MODEL	HCI444ES	
	315KW	345KW	NO.OF BEARINGS	1	
			INSULATION CLASS	H	
ENGINE TECHNICAL DATA			WIRES	12	
ENGINE MAKE	CUMMINS		INGRESS PROTECTION	IP23	
ENGINE MODEL	NTA855-G3		EXCITATION SYSTEM	SHUNT	
GOVERNING TYPE	ELECTRICAL		VOLTAGE	±1%	
NUMBER OF CYLINDERS	6		DIMENSION & WEIGHT		
CYLINDER ARRANGEMENT	IN-LINE		LENGTH mm	4050	
BORE AND STROKE (mm)	140 X 152		WIDTH mm	1250	
DISPLACEMENT	14 L		HEIGHT mm	2150	
ASPIRATION	TURBOCHARGED & AIRCOOLED		WEIGHT*kg	3850	
CYCLE	4 STROKE		FUEL TANK CAPACITY	535L	
COMPRESSION RATIO	14.0:1		CONTROL PANEL		
COOLING SYSTEM	WATER-COOLING		MAKE	DEEP SEA	
FREQUENCY & ENGINE SPEED	60HZ & 1800RPM		MODEL	DSE6020	
GROSS ENGINE POWER kWm	PRIME	STANDBY	PLEASE REFER TO DSE6020 BROCHURE FOR MORE DETAILS		
	358kWm	399kWm	AN INSPIRED DESIGN TO MEET YOUR NEEDS		
FUEL CONSUMPTION @ 100% L/hr	87	96			
FUEL CONSUMPTION @ 50% L/hr	47	-			

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 SWITCHS

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

6. 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.

7. 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

7.2 AUTOMATIC VOLTAGE REGULATOR (AVR)

- THE FULLY SEALED AUTOMATIC VOLTAGE REGULATOR MAINTAINS THE VOLTAGE REGULATION AT ±1%.

7.3 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.

8. 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.