

DIESEL GENERATOR SET / MEW POWER GENERATOR



WATER-COOLED



THREE PHASE



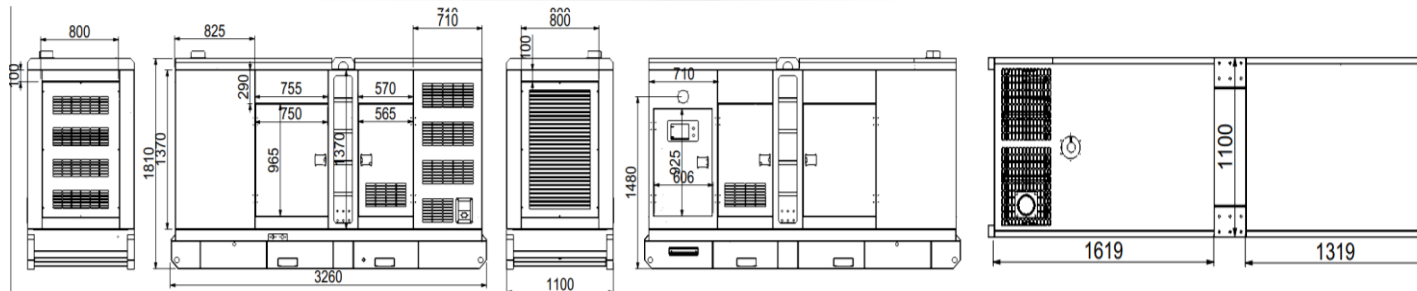
60 HZ



DIESEL FUEL

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-630		ALTERNATOR DATA	
OUTPUT RATING	PRIME	STANDBY	MAKE	STAMFORD	
240V, 3PH, 60HZ, 1800RPM	570KVA	630KVA	MODEL	HCI544D	
	456KW	504KW	NO.OF BEARINGS	1	
			INSULATION CLASS	H	
ENGINE TECHNICAL DATA			WIRES	12	
ENGINE MAKE	CUMMINS		INGRESS PROTECTION	IP23	
ENGINE MODEL	KTA19-G3A		EXCITATION SYSTEM	SHUNT	
GOVERNING TYPE	ELECTRICAL		VOLTAGE	±1%	
NUMBER OF CYLINDERS	6		DIMENSION & WEIGHT		
CYLINDER ARRANGEMENT	IN-LINE		LENGTH mm	4620	
BORE AND STROKE (mm)	159 X 159		WIDTH mm	1600	
DISPLACEMENT	19	L	HEIGHT mm	2500	
ASPIRATION	TURBOCHARGED & AIRCOOLED		WEIGHT*kg	4270	
CYCLE	4 STROKE		FUEL TANK CAPACITY	1050L	
COMPRESSION RATIO	13.9:1		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		
507kWm	504kWm		AN INSPIRED DESIGN TO MEET YOUR NEEDS		
FUEL CONSUMPTION @ 100% L/hr	109				
FUEL CONSUMPTION @ 50% L/hr					

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 COMMERCIAL PURCHASED POWER. 10% OVERLOAD POWER IS AVAILABLE FOR 1 HOUR IN 12 HOURS 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 SEPARATOR
- 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

6. FUEL SYSTEM

ON GENERATING SETS UP TO 750KVA STANDBY, THE CHASSIS DESIGN IS INCORPORATED WITH INTEGRAL FUEL TANK WITH A CAPACITY OF APPROX 5 HOURS TO 8 HOURS 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.