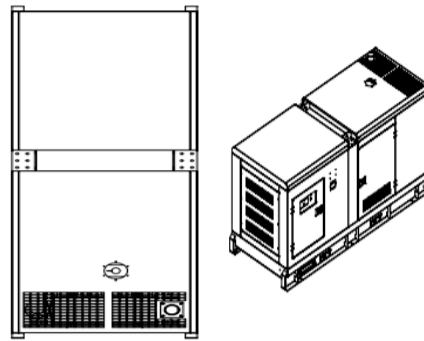
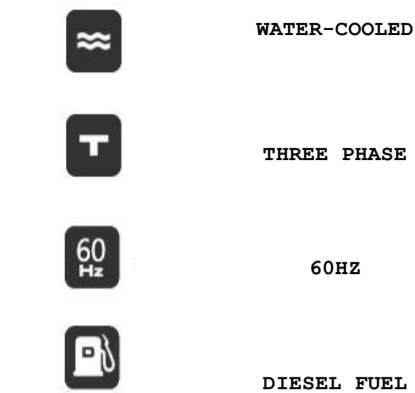
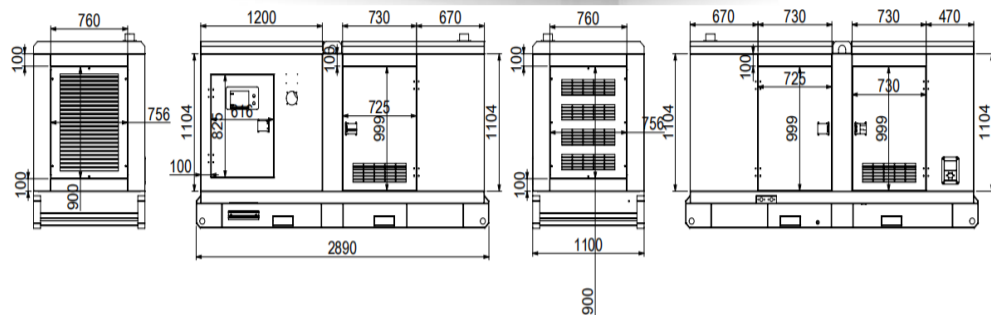


# DIESEL GENERATOR SET / MEW POWER GENERATOR



## 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-125		ALTERNATOR DATA	
OUTPUT RATING	PRIME	STANDBY	MAKE	STAMFORD	
240V,3PH, 60HZ,1800RPM	110KVA	125KVA	MODEL	UCI274C	
	88KW	100KW	NO.OF BEARINGS	1	
			INSULATION CLASS	H	
			WIRES	12	
			INGRESS PROTECTION	IP23	
			EXCITATION SYSTEM	SHUNT	
			VOLTAGE	±1%	
ENGINE TECHNICAL DATA			DIMENSION & WEIGHT		
ENGINE MAKE	CUMMINS		LENGTH mm	2900	
ENGINE MODEL	6BT5.9-G2		WIDTH mm	1100	
GOVERNING TYPE	ELECTRICAL		HEIGHT mm	1250	
NUMBER OF CYLINDERS	6		WEIGHT*kg	1495	
CYLINDER ARRANGEMENT	IN-LINE		FUEL TANK CAPACITY	170L	
BORE AND STROKE (mm)	102 X 120				
DISPLACEMENT	5.9	L	CONTROL PANEL		
ASPIRATION	TURBOCHARGED		MAKE	DEEP SEA	
CYCLE	4 STROKE		MODEL	DSE6020	
COMPRESSION RATIO	17.3:1		PLEASE REFER TO DSE6020 BROCHURE FOR MORE DETAILS		
COOLING SYSTEM	WATER-COOLING		AN INSPIRED DESIGN TO MEET YOUR NEEDS		
FREQUENCY & ENGINE SPEED	60HZ & 1800RPM				
	PRIME	STANDBY			
GROSS ENGINE POWER kWm	115kWm	127kWm			
FUEL CONSUMPTION @ 100% L/hr	29.7	33.6			
FUEL CONSUMPTION @ 50% L/hr	15.6	-			

# 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

### 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.