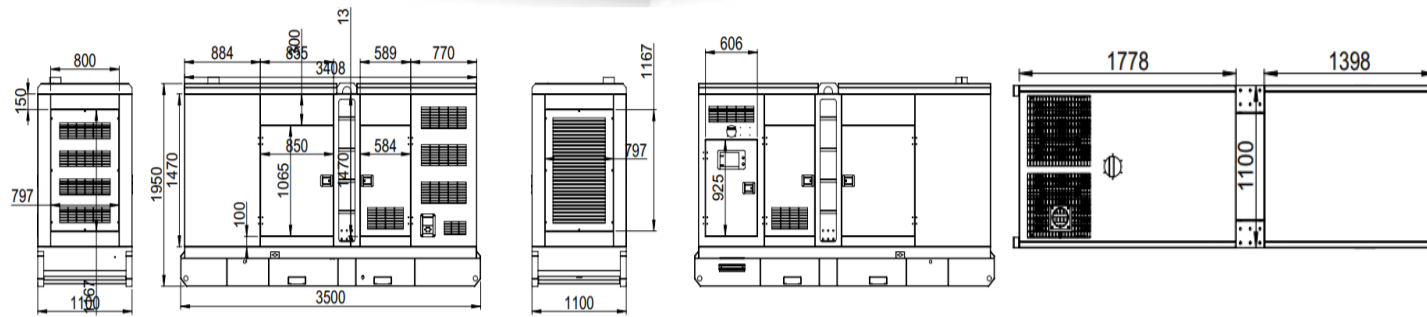


DIESEL GENERATOR SET / MEW POWER GENERATOR



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-200		ALTERNATOR DATA	
OUTPUT RATING	PRIME	STANDBY	MAKE	STAMFORD	
240V,3PH, 60HZ,1800RPM	180KVA	200KVA	MODEL	UCI274F	
	144KW	160KW	NO.OF BEARINGS	1	
			INSULATION CLASS	H	
			WIRES	12	
			INGRESS PROTECTION	IP23	
			EXCITATION SYSTEM	SHUNT	
			VOLTAGE	±1%	
ENGINE TECHNICAL DATA					
ENGINE MAKE	CUMMINS				
ENGINE MODEL	6CTA8.3-G2				
GOVERNING TYPE	ELECTRICAL				
NUMBER OF CYLINDERS	6				
CYLINDER ARRANGEMENT	IN-LINE				
BORE AND STROKE (mm)	114 X 135				
DISPLACEMENT	8.3	L			
ASPIRATION	TURBOCHARGED & AFTERCOOLED				
CYCLE	4 STROKE				
COMPRESSION RATIO	17.3:1				
COOLING SYSTEM	WATER-COOLING				
FREQUENCY & ENGINE SPEED	60HZ & 1800RPM				
	PRIME	STANDBY			
GROSS ENGINE POWER kWm	170kWm	187kWm			
FUEL CONSUMPTION @ 100% L/hr	44	49			
FUEL CONSUMPTION @ 50% L/hr	23	-			
			DIMENSION & WEIGHT		
			LENGTH mm	3260	
			WIDTH mm	1100	
			HEIGHT mm	1810	
			WEIGHT*kg	2150	
			FUEL TANK CAPACITY	340L	
			CONTROL PANEL		
			MAKE	DEEP SEA	
			MODEL	DSE6020	
			PLEASE REFER TO DSE6020 BROCHURE FOR MORE DETAILS		

AN INSPIRED DESIGN TO MEET YOUR NEEDS

DIESEL GENERATOR SET / MEW POWER GENERATOR

RATINGS DEFINITION	STANDARD SPECIFICATIONS
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.	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.
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.	7. ALTERNATOR 7.1 INSULATION SYSTEM <ul style="list-style-type: none"> 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
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.	7.2 AUTOMATIC VOLTAGE REGULATOR (AVR) <ul style="list-style-type: none"> THE FULLY SEALED AUTOMATIC VOLTAGE REGULATOR MAINTAINS THE VOLTAGE REGULATION AT ±1%. 7.3 MOTOR STARING (OPTIONAL) <ul style="list-style-type: none"> 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.
AVAILABLE OPTIONS & ACCESSORIES WE OFFER A RANGE OF OPTIONAL FEATURES AND ACCESSORIES TO TAILOR OUR GENERATING SETS TO MEET YOUR POWER NEEDS.	8. MOUNTING ARRANGMENT 8.1 CHASSIS THE COMPLETE GENERATING SET IS MOUNTED AS A WHOLE ON A HEAVY DUTY FABRICATED STEEL CHASSIS.
OPTIONS <ul style="list-style-type: none"> A VARIETY OF GENERATING SET CONTROL AND SYNCHRONIZING PANELS ADDITIONAL PROTECTION ALARMS AND SHUTDOWNS WATER - FUEL SEPERATOR WATERJACKET HEATER BATTERY CHARGER 	8.2 ANTI-VIBERATION MOUNTING DUMPER DUMPER ARE AFFIARD BETWEEN THE ENGINE & ALTERNATOR FEET AND THE CHASSIS, THUS ENSURING COMPLETE VIBRATION ISOLATION OF ROTATING ASSEMBLY
ACCESSORIES <ul style="list-style-type: none"> GENUINE SPARE PARTS AUXILIARY FUEL TANKS MANUAL & AUTOMATIC TRANSFER SWITCHS 	8.3 COUPLING THE ENGINE AND ALTERNATOR ARE DIRECTLY COUPLED BY MEANS OF AN SAE FLANGE. THE ENGINE FLYWHEEL IS FLEXIBLY COUPLED TO THE ALTERNATOR ROTOR.
ASSEMBLED AND DISTRIBUTED BY  MITSUBISHI ELECTRIC WORKS, CA	8.4 SAFETY GUARDS THE FAN & FAN DRIVE ALONG WITH THE BATTERY CHARGING ALTERNATOR ARE SAFETY GUARD PROTECTED FOR PERSONAL PROTECTION.

RATINGS DEFINITION	STANDARD SPECIFICATIONS
8.2 ANTI-VIBERATION MOUNTING DUMPER DUMPER ARE AFFIARD BETWEEN THE ENGINE & ALTERNATOR FEET AND THE CHASSIS, THUS ENSURING COMPLETE VIBRATION ISOLATION OF ROTATING ASSEMBLY	9. TESTS <ul style="list-style-type: none"> THE GENERATING SET IS LOAD TEST BEFORE DISPATCH. ALL PROTECTIVE DEVICES CONTROL FUNCTIONS AND SITE LOAD CONDITIONS ARE SIMULATED. THE GENERATOR AND IT'S SYSTEMS ARE CHECKED BEFORE DISPATCH.
8.3 COUPLING THE ENGINE AND ALTERNATOR ARE DIRECTLY COUPLED BY MEANS OF AN SAE FLANGE. THE ENGINE FLYWHEEL IS FLEXIBLY COUPLED TO THE ALTERNATOR ROTOR.	10. EQUIPMENT FINISHING ALL MILD STEEL COMPONENTS ARE FULLY DEGREASED AND PAINTED WITH POWDER COATED PAINT TO ENSURE MAXIMUM SCUFF RESISTANCE AND DURABILITY.
8.4 SAFETY GUARDS THE FAN & FAN DRIVE ALONG WITH THE BATTERY CHARGING ALTERNATOR ARE SAFETY GUARD PROTECTED FOR PERSONAL PROTECTION.	11. EQUIPMENT FINISHING OPERATION & MAINTENANCE MANUAL, CIRCUIT WIRING DIAGRAMS.
9. TESTS <ul style="list-style-type: none"> THE GENERATING SET IS LOAD TEST BEFORE DISPATCH. ALL PROTECTIVE DEVICES CONTROL FUNCTIONS AND SITE LOAD CONDITIONS ARE SIMULATED. THE GENERATOR AND IT'S SYSTEMS ARE CHECKED BEFORE DISPATCH. 	12. QUALITY STANDARDS THE EQUIPMENT MEETS THE FOLLOWING STANDARDS:BS4999, BS5000, BS5514, IEC60034, VDE0530 AND ISO8528
10. EQUIPMENT FINISHING ALL MILD STEEL COMPONENTS ARE FULLY DEGREASED AND PAINTED WITH POWDER COATED PAINT TO ENSURE MAXIMUM SCUFF RESISTANCE AND DURABILITY.	13. WARRANTY ALL OF THE GENERATING SETS ARE COVERED UNDER A WARRANTY POLICY FOR A PERIOD OF 12MONTHS OR 1 YEAR (WHICHEVER COMES EARLIER) OF THE EQUIPMENT IS IN LINE WITH MANUFACTURERS WARRANTY TERMS AND CONDITIONS.
11. EQUIPMENT FINISHING OPERATION & MAINTENANCE MANUAL, CIRCUIT WIRING DIAGRAMS.	8. MOUNTING ARRANGMENT 8.1 CHASSIS THE COMPLETE GENERATING SET IS MOUNTED AS A WHOLE ON A HEAVY DUTY FABRICATED STEEL CHASSIS.
12. QUALITY STANDARDS THE EQUIPMENT MEETS THE FOLLOWING STANDARDS:BS4999, BS5000, BS5514, IEC60034, VDE0530 AND ISO8528	IN LINE WITH CONTINUOUS PRODUCT DEVELOPMENT, WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

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