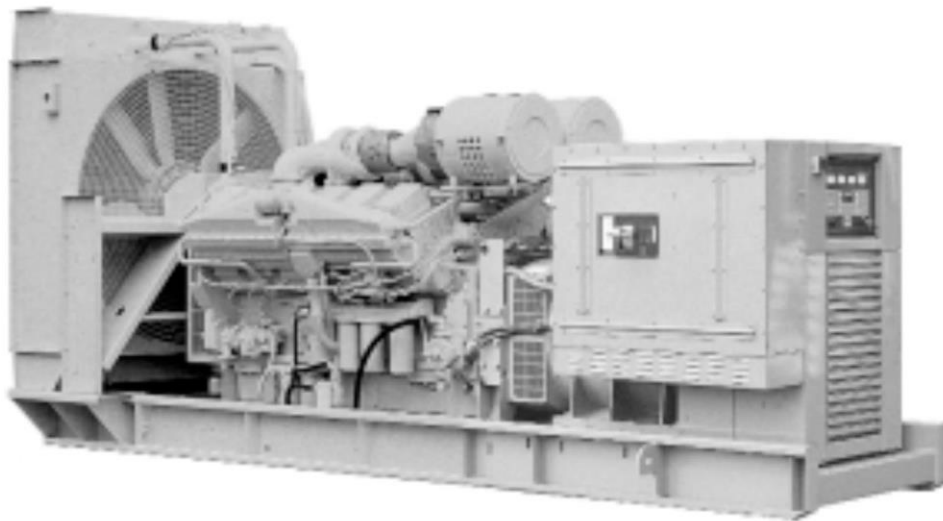


CUMMINS KTA38-G2 - 1000 KVA / 800KW



1000kVA / 800 kW Prime Power Block

DIESEL POWERED GENERATOR SETS REMAIN THE NUMBER-ONE CHOICE FOR DISTRIBUTED POWER, STANDBY AND EMERGENCY POWER SYSTEMS, WORLDWIDE. ABLE TO START AND ASSUME LOAD IN LESS THAN 10 SECONDS, AND RATED LOAD IN A SINGLE STEP, NOVOSOL DIESEL GENERATORS BASED ON CUMMINS ENGINES ARE THE EPITOME OF RUGGED DEPENDABILITY AND RELIABLE MECHANICAL AND ELECTRICAL PERFORMANCE. NOVOSOL DIESEL GENERATORS ARE WELL SUITED TO DISTRIBUTED GENERATION (DG) FACILITIES, PEAK SHAVING AND POWER MANAGEMENT AT LARGE COMMERCIAL OR INDUSTRIAL SITES.

NOVOSOL POWER BLOCKS ARE AVAILABLE WITH ECO TECHNICAL FUELS. CLEAN BURNING ECO DIESEL FUEL ENSURES LOW FUEL CONSUMPTION AND LOW EMISSIONS BEYOND STANDARDS SET FOR EVEN THE MOST SENSITIVE ENVIRONMENTS.

NOVOSOL WITH ECO FUEL POWER GENERATION IS A COMPLETE "POWER BLOCK" SOLUTION, ABLE TO DELIVER THE LOWEST COST PER KWH, THE LOWEST FUEL CONSUMPTION, THE LOWEST EXHAUST EMISSIONS THAT MEET THE MOST DEMANDING STANDBY OR PRIME POWER APPLICATIONS.

ALL-IN POWER BLOCK SOLUTION



- **MINIMAL FOOTPRINT**
- **RAPID PRODUCT START UP**
- **FULL PCC SYSTEM**
- **PROVEN LONG TERM RELIABILITY**
- **MINIMAL CIVIL WORKS**
- **CONTAINERIZED DELIVERY**
- **REMOTE MONITORING**

POWER BLOCK SPECIFICATIONS

**CUMMINS KTA 38-G2 , STAMFORD
NEWAGE BACK END AND PMG
GENERATOR**

**1000 kVA 800 kW CONTINUOUS
RATED 480 V 60 HZ POWER SYSTEM**

GOVERNOR REGULATION CLASS	ISO8328 PART 1 CLASS G2
VOLTAGE REGULATION NO LOAD TO FULL LOAD	+/- 0.5%
RANDOM VOLTAGE VARIATION	+/- 0.5%
FREQUENCY REGULATION	ISOCRONOUS
RANDOM FREQUENCY VARIATION	+/- 0.25%
RADIO FREQUENCY EMISSION COMPLIANCE	IEC 801.2 THROUGH IEC 801.5; MIL STD 461C, PART 9
ENGINE SPECIFICATIONS: MODEL 1000DQFAD	
BORE	140 MM
STROKE	165 MM
DISPLACEMENT	30.5 LITERS
FUEL SYSTEM	DIRECT INJECTION, NUMBER 2 DIESEL
BATTERY CHARGING ALTERNATOR	35 AMPS
STARTING VOLTAGE	24 VOLT, NEG GROUND
MAX RPM	1800

CONTROL	PREMIUM CONTROL PANEL AUTO START-STOP SAFETY SHUTDOWNS
COOLING SYSTEM	HIGH AMBIENT, STD DUTY AIR CLEANER HEAVY DUTY RADIATOR
ALTERNATOR SPECIFICATIONS: 60 HZ, WYE, 3-PHASE, 480 V, 105/80C EXTENDED RANGE	
DESIGN	BRUSHLESS 4-POLE DRIP PROOF REVOLVING FIELD PARALLELING CAPABLE
POWER FACTOR	0.8
INSULATION	CLASS H LOW, CLASS F HIGH VOLTAGE
AC WAVEFORM HARMONIC DISTORTION	< 5% NO LOAD, 3% ANY SINGLE HARMONIC
TELEPHONE INFLUENCE FACTOR	<50 PER NEMA MG1-22.43

SOUND ATTENUATED CONTAINER: DIMENSIONS:
4338 MM LONG, 2353 MM TALL, 2000 MM WIDE, 7633
KG DRY WEIGHT

Fuel Consumption & Lubrication:

**Fuel at 100% Full Load: 43 GPH / 163 LPH,
0.204 L per kWh**

Lubrication Capacity: 120 liters

www.rpconnect.com

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