



2281kVA / 1825kW 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 QSX60-G4 NR TURBO ,
STAMFORD NEWAGE BACK END AND
PMG GENERATOR**

**1825 kVA 2281 kVA CONTINUOUS
RATED 220-480 V 60 HZ POWER
SYSTEM**

GOVERNOR REGULATION CLASS	ISO8328 PART 1 CLASS G3
VOLTAGE REGULATION NO LOAD TO FULL LOAD	+/- 0.5%
RANDOM VOLTAGE VARIATION	+/- 0.05%
FREQUENCY REGULATION	ISOCHRONOUS
RANDOM FREQUENCY VARIATION	+/- 0.25%
RADIO FREQUENCY EMISSION COMPLIANCE	IEC 801.2 THROUGH IEC 801.5; MIL STD 461C, PART 9
ENGINE SPECIFICATIONS:	
BORE	159 MM
STROKE	190 MM
CONFIGURATION	V-16
FUEL SYSTEM	DIRECT INJECTION, NUMBER 2 DIESEL
BATTERY CHARGING ALTERNATOR	55 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 (VARIOUS 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:
6759 MM LONG, 3096 MM TALL, 2479 MM WIDE,
16182 KG DRY WEIGHT

Fuel Consumption & Lubrication:

**Fuel at 100% Full Load: 128 GPH / 485 LPH,
0.26 L per kWh**

Lubrication Capacity: 378 liters

www.rpconnect.com

+63 915 491 0778 +63 915 340 7543

17 Parizska, Prague, Czech Republic 11800

12R Shangri-la Place, St. Francis Street, Mandaluyong City, Philippines 1555