



**UZMAN
GENERATOR**

600 KVA
C-SDEC

| GENERAL FEATURES | | PRIME | STANDBY |
|------------------------|---------|---------|---------|
| Power | KVA | 550 | 600 |
| Power | KW | 440 | 480 |
| Standard Voltage | V | 400/230 | |
| Revolutions per minute | r.p.m | 1500 | |
| Rated at power factor | Cos Phi | 0,8 | |

STANDBY POWER;

Supplying of emergency electrical power at variable load, in the event of normal utility power failure.

This rating is maximum power, no overload capability is available.

PRIME POWER;

Supplying of electrical power at variable load for an unlimited number of hours in the event of normal utility power failure. 10% over load capability is available.


STANDARD FEATURES

- 4 Stroke, 1500 RPM, water cooled heavy duty diesel
- Dry type replaceable air filter
- Radiator capable of cooling up to 50 ° C
- Flexible oil pipes and oil draining valve
- Pre-heater
- 4 Poles, synchronize, single bearing, brushless alternator
- Batteries and cables
- Electrostatic paint coated, steel, welded chassis
- Fuel tank housed in the chassis.
- Industrial type silencer
- Electronic battery charger
- Electrical wiring diagram
- User manual and operating manual

OPTIONAL FEATURES

- Soundproof canopy
- Automatic transfer switch
- Circuit breaker
- Trailer / Land transport
- External fuel tank
- Heating system for fuel tank
- Oil heater
- Fuel filling system
- (Automatic / Manuel)
- Analogue indicators
- 1 - 3 Phase switch plugs
- Alarm system for fuel level
- Remote control and

ENGINE SPECIFICATION

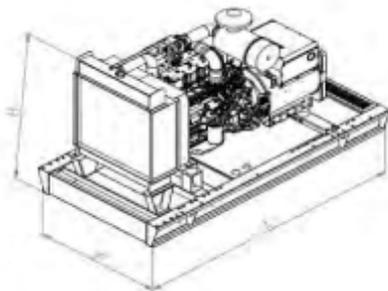
| | | |
|--|----------|---------------------------------------|
| Producer | | C-SDEC |
| Power kW PRP | kW PRP | 459 |
| Engine Model | | QC25G690D2 |
| Number of Cylinders / Valves | | 12/24 |
| Time | | 4 |
| Volume | (lt) | 25,8 |
| Air Intake System | | Turboşarj |
| Broke X Stroke | (mm) | 135x150 |
| Compression Ratio | | 16:1 |
| Air Filter | | Replaceable Element |
| Cooling System | | Water Cooled (water + 50% antifreeze) |
| Total Coolant Capacity | | 147 |
| Governor Type | | Elektronik |
| Electrical System | | 24VDC |
| Charge Alternator Current | | 55A |
| Total Oil Volume | (lt) | 65 |
| Exhaust Gas Output Flow Rate PRP | (m3/min) | 91,6 |
| Maximum Exhaust Gas Output Temperature | (°C) | 650 |
| Combustion Air Flow Rate PRP | (m3/min) | 37,6 |
| Cooling Air Flow | (m3/min) | 868,8 |
| Starter Power | (kW) | 11kW |
| Standard Battery Voltage | VDC | 24VDC |
| Standard Battery Capacity | | 2x105Ah |
| Standard Battery Type | | Maintenance Free Lead Acid |

ALTERNATOR SPECIFICATIONS

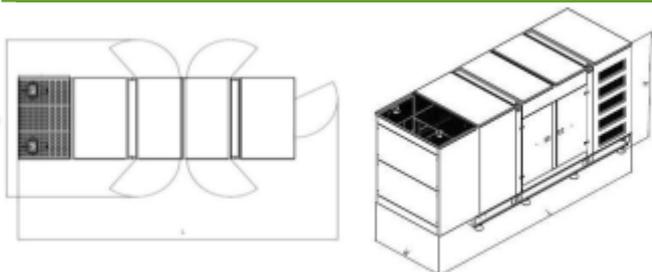
| | | |
|---|----------|----------------|
| Producer | | UZMAN |
| Model | | PRO35SD/4 |
| Voltage | | 400/230 VAC |
| Number of Phases | | 3 |
| Power Factor | | 0,8 |
| Number of Poles | | 4 |
| Connection style | | Star |
| Bearing Type | | Single bed |
| Insulation Class | | H |
| Protection Class | | Ip23 |
| Winding Step | | 2/3 |
| Warning System | | Self-Excited |
| Voltage Regulator | | Electronic AVR |
| Efficiency 4/4 400VAC 50Hz | (cos Ph) | 96,2 |
| Voltage Regulation | | (±) %1 |
| Total Harmonic Component Value | | <%3 |
| Apparent Power (kVA) Prime 400 VAC 50 Hz 125 C / 40 C | | 550 |

CONTROL PANEL SPECIFICATION

- Diesel and gas genset support
- 400Hz operation support
- 400 event logs, full snapshot
- All parameters front panel editable
- 3 level configuration password
- 128x64 graphical LCD display
- Downloadable languages
- Waveform display of V & I
- Harmonic analysis of V & I
- 16Amp MCB & GCB outputs
- 8 configurable digital inputs
- 6 configurable digital outputs
- 3 configurable analogue inputs
- Both CANBUS-J1939 & MPU
- 3 configurable service alarms
- Diesel and gas genset support
- 400Hz operation support
- 400 event logs, full snapshot
- All parameters front panel editable
- Multiple automatic exerciser
- Weekly operation schedule
- Dual mutual standby with equal
- Manual “speed fine adjust”
- Automatic fuel pump control
- Disable protections feature
- Excess power protection
- Reverse power protection
- Overload IDMT protection
- Load shedding, dummy load
- Multiple load management
- Current unbalance protection
- Voltage unbalance protection
- Fuel filling & fuel theft alarms
- Battery back-up real time clock
- Multiple automatic exerciser
- Weekly operation schedule
- Dual mutual standby with equal
- Manual “speed fine adjust”
- Multiple nominal conditions
- Contactor & MCB drive
- 4 quadrant genset power counters
- Mains power counters
- Fuel filling counter
- Fuel consumption counter
- Modem diagnostics display
- Configurable through USB, RS-232 and GPRS
- Free configuration program
- Allows SMS controls
- Ready for central monitoring
- Mobile genset support
- Automatic GSM geo-location
- GPS connectivity (RS232)
- Multiple nominal conditions
- Contactor & MCB drive
- 4 quadrant genset power counters
- Mains power counters

SPECIFICATION WITHOUT CABIN


| | | |
|--------------------|----|------|
| Length (L) | mm | 4500 |
| Height (H) | mm | 2000 |
| Width (W) | mm | 1900 |
| Wet weight | kg | 3700 |
| Fuel Tank Capacity | L | 600 |

SPECIFICATION WITH CABIN


| | | |
|--------------------|----|------|
| Length (L) | mm | 4500 |
| Height (H) | mm | 2300 |
| Width (W) | mm | 1900 |
| Wet weight | kg | 2500 |
| Fuel Tank Capacity | L | 600 |



www.uzmangenerator.com.tr



Yenidoğan Mah Barbaros Bulvarı No: 65
Sancaktepe istanbul



+90 216 429 11 53



www.uzmangenerator.com.tr
info@uzmangenerator.com.tr