

| Generating Rates | | PRIME | STANDBY | |
|-----------------------|-----------------|---------|---------|--|
| Power | kVA | 600 | 660 | |
| Power | kW | 480 | 528 | |
| Current | (cos Phi=0,8) A | 867 | 954 | |
| Standard Voltage | V | 400/230 | | |
| Revolution Per Minute | r.p.m. | 1500 | | |
| Rated at power factor | Cos Phi | 0,8 | | |

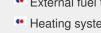
- Standard Features
- 4 Stroke, 1500 RPM, water cooled heavy duty diesel engine
- Protection system on manuel run
- Flexible oil pipes and oil draining valve •
- Pre-heater
- Lubrication oil and anti-freeze
- 4 Poles, synchrontype, single bearing, brushless alternator
- Batteries and cables
- Electrostatic 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 Equipments
- Soundproof canopy
- Automatic transfer switch
- Circuit breaker
- Trailer
- External fuel tank
- Heating system for fuel tank
- Fuel filling system (Automatic / Manuel)
- Analog indicators
- 1 Phase 3 Phase switch plugs
- Alarm system for fuel level
- Remote control and monitoring

Stand By 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.

- Oil heater





Model: KJP 660 Powered by PERKINS

Diesel Generator

| Engine Specifications | | | | | |
|-------------------------------|------------|---------------|--|--|--|
| Brand | | PERKINS | | | |
| Model | | 2806A-E18TAG1 | | | |
| Engine Power Stand BY | (kWm / hp) | 574/770 | | | |
| Revolution Per Minute | (r.p.m.) | 1500 | | | |
| Total Displacement | (L) | 18.1 | | | |
| Cylinders Orientation | | 6 SINGLE LINE | | | |
| Bore x Stroke | (mm x mm) | 145 x 183 | | | |
| Compression Orientation | | 14,5:1 | | | |
| Governor Type | | ELECTRONIC | | | |
| Aspiration System | | TURBO AAC | | | |
| Injection | | DIRECT | | | |
| Cooling | | WATER COOLED | | | |
| Electrical System | (VDC) | 24 | | | |
| Lub-Oil Capacity | (L) | 62 | | | |
| Engine Coolant Capacity | (L) | 61 | | | |
| Fuel Tank Capacity | (L) | 1016 | | | |
| Maximum Exhaust Temperature | (°C) | 568 | | | |
| Maximum Exhaust Gas Flow | (m3/H) | 96 | | | |
| Maximum Allowed Back Pressure | (kPa) | 24 | | | |
| Cooling Air Flow | (m3/min) | 702 | | | |
| Fuel Consumption 50 % | (L/h) | 61 | | | |
| Fuel Consumption 75 % | (L/h) | 90 | | | |
| Fuel Consumption 100 % | (L/h) | 123 | | | |

• Replacable cylinder jacket • Dry type replacable oil filter • Heat-resistant radiator for 50 °C

| (V) | 400/230 |
|-----------|--------------------|
| (Hz) | 50 |
| (±) | 1 % |
| | > 300 % |
| | Н |
| | IP 23 |
| (%) | 95 |
| | 110 % FOR 1 HOUR |
| (cos Phi) | 0.8 |
| | THF < 2 % |
| | STAR |
| | 4 |
| | SINGLE |
| | (Hz) (±) (%) |

4 Poles, Self-Excitation, Brushless, Synchrontype alternator
Electronic type automatic voltage regulator (AVR)

Self-Cooled

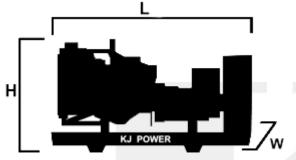


Model: KJP 660

Powered by PERKINS Diesel Generator

Dimensions Without Canopy

| Dimensions and Weight | | |
|-----------------------|----|------|
| Length (L) | mm | 3700 |
| Height (H) | mm | 2200 |
| Width (W) | mm | 1600 |
| Wet weight | kg | 4480 |
| Fuel Tank Capacity | L | 1016 |



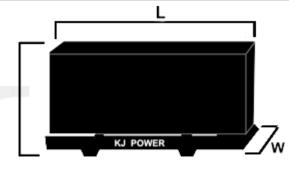
Control Panel Features

- · 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 language
- Waveform display of V & I
- Harmonic analysis of V & I
- Synchroscope & check synch
- · Allows closed transfers
- 16Amp MCB & GCB outputs
- 8 configurable digital outputs
- Outputs expandable to 40
- 4 configurable analog inputs
- Both CANBUS-J1939 & MPU
- 3 configurable service alarms
- · Multiple nominal conditions

- Multiple automatic exerciser
- Weekly operation schedule
- · Dual mutual standby with equal aging of gensets
- · Manual "speed fine adjust" on selected ECUs
- 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 fiiling & fuel theft alarms
- Battery back-up real time clock
- Idle speed control
- Battery charge0 run enabled

Dimensions With Canopy

| Dimensions and Weight | | | |
|-----------------------|----|------|--|
| Length (L) | mm | 5000 | |
| Height (H) | mm | 2600 | |
| Width (W) | mm | 1700 | |
| Wet weight | kg | 5310 | |
| Fuel Tank Capacity | L | 1016 | |



- Contactor & MCB drive
- 4 quadrant genset power counters
- · Mains power counters
- · Fuel fiiling counter
- Fuel consumption counter
- Modem & Ethernet diagnostics
- · Configurable through USB, RS-485, Ethernet and GPRS
- Allows SMS controls
- · Ready for central monitoring Ethernet and GPRS
- · Mobile genset support
- Automatic GSM geo-location
- GPS connectivity (USB & RS232)
- · Dynamic DNS support
- Easy USB firmware upgrade
- · IP65 rating with standard gasket





- - - · Free configuration program