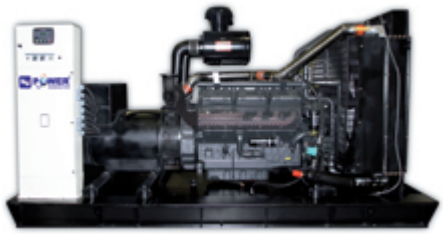
Model: KJS 360

Powered by SDEC
Diesel Generator



WATER COOLED

THREE PHASE

50 Hz

DIESEL

Generating Rates

Services	PRP		STANDBY
Power	kVA	327	360
Power	kW	261	288
Current	A	470	518
Standard Voltage	V	230 / 400	
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
- Oil heater
- 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.

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Model: KJS 360
Powered by SDEC
Diesel Generator

Engine Specifications

Diesel Engine		
Brand		SDEC
Model		SC13G420D2
Engine Power Stand BY	kWm / hp	308 / 419
Revolution Per Minute	r.p.m	1500
Total Displacement	L	12.88
Bore x Stroke	mm x mm	135 x 150
Compression Orientation		16:01
Governor Type		ELECTRONIC
Aspiration System		INTERCOOLER
Injection		DIRECT
Cooling		WATER COOLED
Electrical System	VDC	24
Lub-Oil Capacity	L	41
Engine Coolant Capacity	L	25.5
Fuel Tank Capacity	L	562
Maximum Exhaust Temperature	°C	600
Maximum Exhaust Gas Flow	m3 / H	2652
Maximum Allowed Back Pressure	kPa	5
Cooling Air Flow	m3 / H	1068
Fuel Consumption 50 %	L / h	31.6
Fuel Consumption 75 %	L / h	47.1
Fuel Consumption 100 %	L / h	65.2

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

Alternator Specifications

Alternator		
Output Voltage	V	230 / 400
Frequency	Hz	50
Stationary Voltage Regulation	±	1 %
Short Circuit Current		> 300%
Insulation		H
Protection		IP 23
Efficiency	%	93.5
Overloading		110 % FOR 1 HOUR
Power Factor	cos Q=0,8	0.8
Total Harmonic Distortion Rate		<2%
Connection Type		STAR
Number Of Pole		4
Number Of Bearing		SINGLE

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

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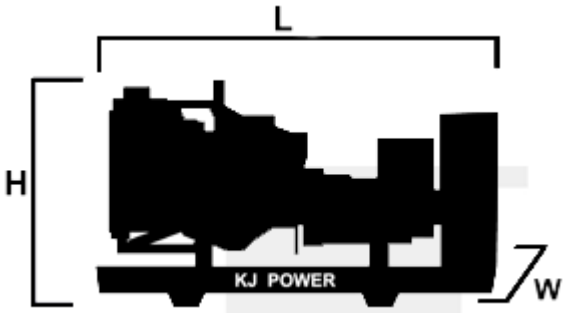
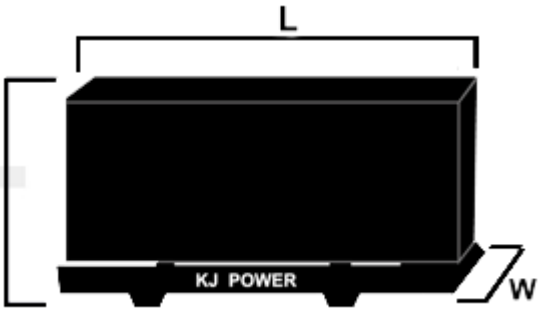
Dimensions Without Canopy

Dimensions and Weight		
Length (L)	mm	3700
Height (H)	mm	1950
Width (W)	mm	1500
Wet weight	Kg	3150
Fuel Tank Capacity	L	562



Dimensions With Canopy

Dimensions and Weight		
Length (L)	mm	4300
Height (H)	mm	2450
Width (W)	mm	1500
Wet weight	Kg	3700
Fuel Tank Capacity	L	562



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
- Combat mode support
- 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
- Free configuration program
- 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

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