

## KZP-S900 DIESEL GENERATOR SET / 50Hz



| OUTPUT RATINGS | 50 Hz / 400V |
|----------------|--------------|
| Standby Power  | 900 kVA      |
|                | 720 kW       |
| Prime Power    | 800 kVA      |
|                | 640 kW       |

### Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

| ENGINE (ESP -STAND-BY)         |                   |
|--------------------------------|-------------------|
| Manufacturer                   | PERKINS           |
| Origin                         | UK                |
| Model                          | 400623TAG3A       |
| No of Cylinder / Configuration | 6 / IN LINE       |
| Displacement (lt)              | 23                |
| Bore / Stroke (mm)             | 160 / 190         |
| Cycle                          | 4                 |
| Compression Ratio              | 13.6 :1           |
| Aspiration                     | Turbo Aftercooler |
| Governor Type                  | Electronic        |
| Cooling System                 | Water             |
| Coolant Capacity (lt)          | 105               |
| Lubrication Oil Capacity (lt)  | 113,4             |
| Injection                      | Direct            |
| Speed / Frequency              | 1500 / 50 Hz      |
| Engine Gross Power (kWm)       | 679               |
| Fuel Consumption (lt/h)        | 100% 172          |
|                                | 50% 90            |

### Prime Power

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3)

## ALTERNATOR

|                                   |                |
|-----------------------------------|----------------|
| Manufacturer                      | STAMFORD       |
| Origin                            | UK             |
| Model                             | HCI634G        |
| No of Phase                       | 3              |
| Power Factor                      | cos 0,8        |
| Number of Bearing                 | SINGLE         |
| No of Poles                       | 4              |
| No of Leads                       | 12             |
| Voltage Regulation (Steady State) | ± %1           |
| Insulation Class                  | H              |
| Degree of Protection              | IP 21/23       |
| Excitation System                 | AVR, Brushless |
| Connection Type                   | STAR           |
| Total Harmonic Content (No Load)  | < %2           |
| Frequency (Hz)                    | 50             |
| Voltage Output (VAC)              | 230 / 400      |
| Efficiency ( %)                   | %93,3          |



### Sound Proof Canopy

Special design for minimizing acoustic level  
Galvanised steel construction further protected by polyester powdercoat paint  
Black finish stainless steel locks and hinges  
Control panel viewing window in a lockable access door  
Emergency stop push button (red) mounted on enclosure exterior  
Lifting, drag and jacking points on base frame  
Radiato fill via removable, flush mounted rain cap fitted with compression seal  
Acoustic insulation with moisture-repellent and non-flammable material

| Dimensions | WxLxH          | Weight | Fuel Tank | Noise |
|------------|----------------|--------|-----------|-------|
|            | mm             | kg     | lt        | db(A) |
| CANOPIED   | 1880x5030x2700 | 7830   | 2000      |       |
| OPEN SET   | 1850x3810x2175 | 6210   | 2000      |       |

## CONTROL UNIT

STANDART: Datakom309

OPTIONAL: Deepsea



KZ POWER reserves the right to amend details and specifications without notice.  
Images for illustration purposes only. Generating set may include optional accessories.

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