



DPS 140 NC

Voltage (V): 400/230

For other voltages: Please consult

Frequency (Hz): 50

**SOUNDPROOFED
CONTROL CARD (START)**



Technical Data Sheet

Technical information

| | |
|----------------------|--------------|
| PRP Power (kVA) | 135 |
| Standby Power (kVA) | 150 |
| PRP Power (kW) | 108 |
| Standby Power (kW) | 120 |
| Mechanical Structure | SOUNDPROOFED |

Standard supply

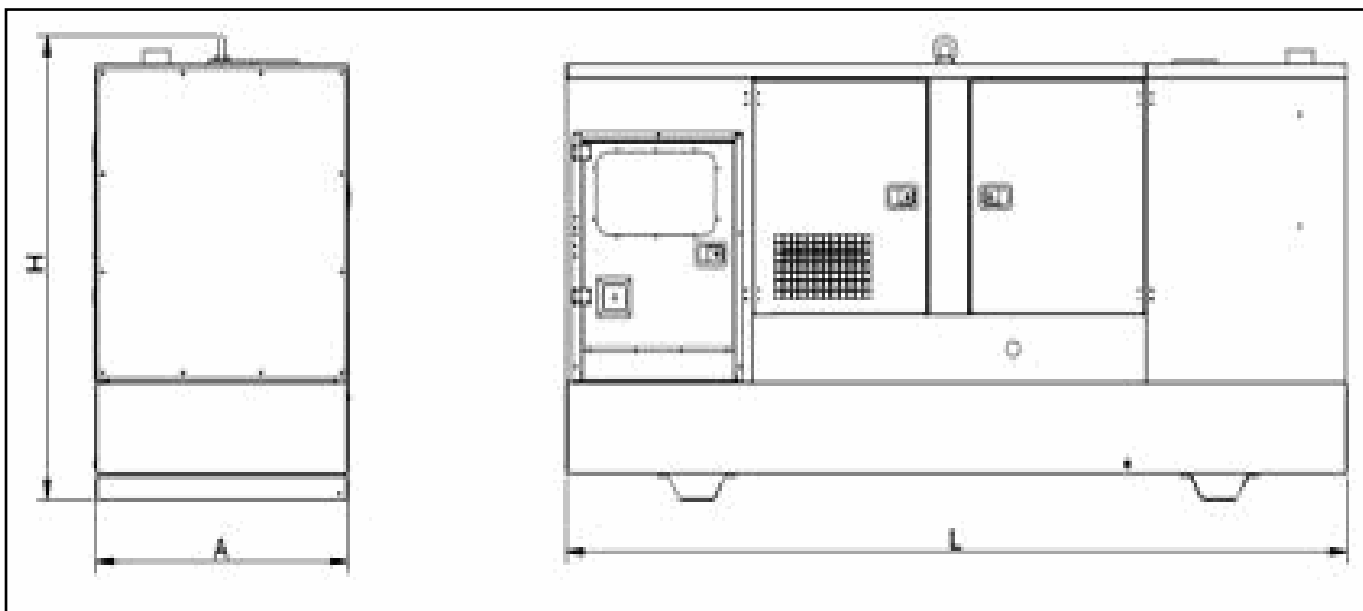
| | |
|--------------------------------|---|
| Galvanised soundproofed canopy | ✓ |
| Easy access tank | ✓ |
| Cleaning hatch in fuel tank | ✓ |

Weight and Dimensions (mm)

| | |
|------------------------|------|
| Length (L) | 3400 |
| Width (A) | 1100 |
| Height (H) | 1755 |
| Weight (kg) | 2195 |
| Fuel tank capacity (l) | 244 |

Noise Level

| | |
|-----------------------------------|----|
| Acoustic pressure [LpA] (dBA @7m) | 70 |
| Acoustic power [LwA] (dBA) | 97 |



Consumption

| | PRP Power | | Standby Power | |
|------|-----------|---------------|---------------|---------------|
| | L/h | Range (hours) | L/h | Range (hours) |
| 25% | 0 | 0 | 0 | 0 |
| 50% | 16,5 | 14,8 | 0 | 0 |
| 75% | 24,1 | 10,1 | 25,9 | 9,4 |
| 100% | 31,5 | 7,7 | 34,6 | 7,1 |

Engine

| | |
|----------------------------|----------|
| Brand | PERKINS |
| Model | 1006 TAG |
| Electronic Regulation | ✓ |
| No. of cylinders | 6 |
| Engine Capacity (c.c.) | 5990 |
| Bore (mm) | 100 |
| Stroke (mm) | 127 |
| Compression ratio | 17:1 |
| Water cooled | ✓ |
| Speed (r.p.m.) | 1500 |
| Mechanical Net Power (kWm) | 120 |

Cooling System

| | |
|-------------------------------|-----|
| Flow of air from fan (m3/min) | 154 |
|-------------------------------|-----|

Lubrication System

| | |
|--|-----|
| Oil sump capacity (l) | 19 |
| Maximum oil consumption (% fuel consumption) | 0,2 |

Air intake system

| | |
|-----------------------------|------|
| Aspirated air flow (m3/min) | 8,38 |
|-----------------------------|------|

Electrical system

| | |
|---------------------|---------------|
| Number of batteries | 1 |
| Battery | 12V 44Ah-730A |

Exhaust System

| | |
|----------------------------------|-------|
| Input diameter (") | 3 |
| Output diameter (") | 4,5 |
| Body diameter (mm) | 378 |
| Exhaust length (mm) | 810 |
| T ^a gas emission (°C) | 571 |
| Gas flow (m3/min) | 24,14 |

Alternator

| | |
|------------------------|--------------|
| Model | LSA 44.2 S75 |
| Electronic Regulation | ✓ |
| AVR | R 250 |
| Power (kVA) | 135 |
| Alternator Power Class | Continua (H) |

Electric Panel**Measuring Instruments**

| | |
|------------|---|
| Fuel gauge | ✓ |
|------------|---|

Electric Panel

Control Instruments

| | |
|-----------------|---------------|
| Control Card | DEEP SEA 7310 |
| Manual start-up | ✓ |
| Remote start-up | ✓ |

Alarms

| | |
|-------------------------------|---|
| Start-up failure | ✓ |
| Battery charge failure | ✓ |
| Low oil pressure | ✓ |
| High engine water temperature | ✓ |
| Low Fuel Level | ✓ |
| Low Radiator water level | ✓ |
| Emergency Stop | ✓ |
| Overspeed | ✓ |

Standby Gen-sets

| | |
|---------------------------|---|
| Auto/Manual Function | ✓ |
| Remote control software | ✓ |
| RS 232 communication port | ✓ |
| RS 485 communication port | ✓ |

Protection Devices

| | |
|--------------------------|-----------|
| Emergency stop button | ✓ |
| Earth Leakage Protection | ✓ |
| Circuit breaker | 4P 200A R |

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