

DIESEL ENGINE GENERATOR

DGS50PSUK



ISO
CERTIFIED



FUEL
EFFICIENT



ENVIRONMENT
FRIENDLY



EASY
MAINTENANCE



DIESEL ENGINE GENERATOR

DGS50PSUK

Specification

المواصفات

MODEL

DGS50PSUK

رقم الموديل

AC Generator

مولد التيار

| | | | | | |
|-------------------------|---|------------------------|--------|----------|----------------------------------|
| Frequency Hz | | 50 Hz | 60 Hz | | التردد (هرتز) |
| OutPut Rating KVA | Prime Power | 45 kVA | 53 kVA | المستمرة | استطاعة المولد (كيلو فولت أمبير) |
| | Standby | 50 kVA | 59 kVA | القصى | |
| Alternator Brand | STAMFORD / UK | | | | وحدة التوليد و المنشأ |
| Model | S1L2R1 | | | | رقم موديل |
| No. Of Phase | 3-Phase, 4 Wire , 12 Leads | | | | عدد الأطوار |
| No. Of Pole | 4 | | | | عدد الأقطاب |
| Rated Voltage V | *190~220V and 380~440V | *190~240V and 380~480V | | | الجهود الكهربائي (فولت) |
| Engine RPM | 1500 | 1800 | | | سرعة المولد (دورة / دقيقة) |
| Power Factor (Lagging) | 0.8 | | | | عامل الاستطاعة |
| Voltage Regulation % | ± 1% | | | | نسبة تنظيم الجهد % |
| Excitation | Brushless type, Self-excited, self-regulating, directly coupled to the engine include excitation system, automatic voltage regulator AVR and under-speed protection | | | | نظام التحكم بالجهد |
| Insulation & Protection | Class H @ IP23 | | | | درجة العزل و الحماية |

Diesel Engine

محرك الديزل

| | | | | | |
|-------------------------|--|--|--|--|-------------------------------|
| Engine Brand and Origin | PERKINS / UK | | | | ماركة المحرك و بلد المنشأ |
| Engine model | 1103A-33TG1 | | | | موديل المحرك |
| Type | Comply with ISO 3046, BS5514 & DIN 6271 Displacement 3.3L Direct injection, complete with fuel injection pump, fuel control solenoid, fuel lift pump, Mechanical speed governor, engine speed adjustment. Class G2-ISO8528-5 | | | | المواصفات |
| Fuel Type | Diesel Fuel (ASTM No. 2 or equivalent) | | | | نوع الوقود |
| Cooling System | Water Cooled with genuine PERKINS tropical radiator ambient temperature 50°C, and 100% Humidity | | | | نظام التبريد |
| EXHAUST SILENCER | Heavy Duty Residential Type, Inbuilt | | | | كاتم صوت العادم |
| STARTING SYSTEM | Genuine PERKINS Electric starting system, 12 DCV complete with starter motor, DC battery charging alternator | | | | نظام بدء التشغيل |
| Battery | Lead Acid / MF type X 1 | | | | البطاريات |
| Fuel Tank Capacity (L) | 135 | | | | سعة خزان الوقود (لتر) |
| Engine Oil Capacity (L) | 8.3 | | | | سعة الزيت (لتر) |
| Coolant Capacity (L) | 10.2 | | | | سعة المبرد (لتر) |
| Dry Weight (Kg) | 1,017.5 | | | | الوزن الفارغ (كغ) |
| Dimensions LxWxH (mm) | 2522 x 972 x 1260 | | | | الأبعاد - ارتفاع×عرض×طول (مم) |
| Sound Level 7MdB(A) | 69 dB(A) | | | | مستوى الضجيج @ 7 متر (ديسيبل) |
| Control Panel | DEESEA / DSE6120 / UK Manual Start / Remote Auto Start / AMF. Engine Control/ Monitoring/ Alarms/ Warnings, Digitally, Emergency Stop Push-button, IP 65 front Protection control case, Pushbuttons for Manual operation and adjusting via USB connection | | | | وحدة التشغيل و التحكم |
| Circuit breaker CB. | Manually Operated, 3P (MCB) with thermal and magnetic releases and shunt trip. | | | | القواطع الكهربائي |
| Canopy and Structure | Heavy duty fabricated steel base frame constructed from folded channel section & anti-vibration rubber mounts, Oil drain system, Fuel filling point with cap. External bulk tank connection (Three way valve) . Sound & weatherproof Canopy with high quality powder coated galvanized steel, Crane lifting arrangement is included. | | | | قاعدة المولد و الهيكل الخارجي |
| Manufacturer | BW International | | | | الشركة المصنعة |

| | | | | | | |
|------------------------|--------|-----|-----|-----|------|-------------------|
| Fuel Consumption (L/h) | Load % | 25% | 50% | 75% | 100% | إستهلاك الوقود |
| | 50Hz | 3.4 | 5.7 | 8.2 | 10.8 | 50Hz @ (لتر/ساعة) |
| | 60Hz | — | 7.1 | 9.9 | 12.9 | 60Hz @ (لتر/ساعة) |

*190~220 V / 3phase @ 60HZ, Optional on demand - Extra cost would be applicable