

P18000 230/115V 50Hz #MRS #HUK



Main Features

| | | |
|--------------|------------|-----|
| Frequency | Hz | 50 |
| Voltage | V | 230 |
| Power factor | cos ϕ | 0.9 |
| Phase | | 1 |

Power Rating

| | | |
|-----------------------------|-----|-------|
| Emergency Standby Power ESP | kVA | 15.58 |
| Emergency Standby Power ESP | kW | 14.02 |
| Continuous power COP | kVA | 13.65 |
| Continuous power COP | kW | 12.29 |

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

| | | |
|-------------------------------|-----------------|------|
| Engine Brand | Yanmar | |
| Model | 3TNV80-FPGE | |
| [50Hz] Exhaust emission level | Stage V | |
| Engine cooling system | Water | |
| Displacement | cm ³ | 1267 |
| Aspiration | Natural | |
| Operating Speed-Nominal | rpm | 3000 |
| Speed governor | Mechanical | |
| Fuel | Diesel | |
| Oil capacity | l | 4.4 |
| Coolant capacity | l | 0.9 |
| Starting system | Electric | |
| Electric circuit | V | 12 |

Alternator Specifications

| | | |
|---------------------------|-----------|-----|
| Type | Brushless | |
| Class | H | |
| IP protection | 23 | |
| Poles | 2 | |
| Frequency | Hz | 50 |
| Voltage | V | 230 |
| Voltage regulation system | Capacitor | |
| Voltage tolerance | % | 2 |

Dimensional data

| | | |
|--------------------|--------|------|
| Length | (L) mm | 1500 |
| Width | (W) mm | 754 |
| Height | (H) mm | 1032 |
| Dry weight | kg | 475 |
| Fuel tank capacity | l | 51 |

Autonomy

| | | |
|----------------------------------|-----|-------|
| Fuel consumption at 75% of Load | l/h | 4.61 |
| Fuel consumption at 100% of Load | l/h | 5.99 |
| Running time at 75% of load | h | 11.06 |
| Running time at 100% of load | h | 8.51 |

Noise level

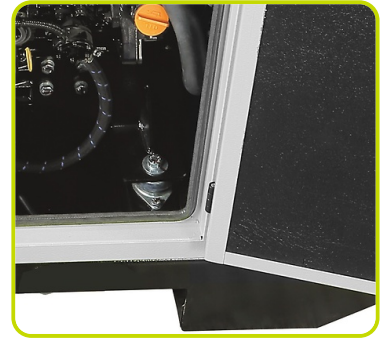
| | | |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 96 |
| Noise pressure level @ 7 m | dB(A) | 67 |



Genset equipment

STEEL SUPPORTING FRAME:

- Sturdy Supporting Frame for moto-alternator and canopy.
- Anti-vibration mounting properly sized.



FULLY BUNDED BASEFRAME:

- Base forcable by forklift.
- Welder base with drainage point
- Big fuel integrated tank for an increased autonomy.
- Fuel level sensor.
- Fuel refiling point external for simple and rapid refueling operations (cap with key available as an accessory)



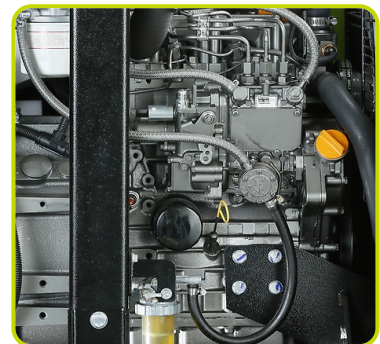
EASY AND FAST MAINTENACE SERVICE:

- Designed to access all components by opening the roof (opening and closing with safety key).
- Side door for engine service and maintenance (opening with locking system from inside the compartment)
- Oil draining pipe with cap.



ENGINE COMPLETE WITH:

- Battery
- Liquids (No Fuel)
- Water temperature sensor
- Lube oil pressure sensor



CANOPY:

- Modular type canopy designed for easy access to all components using only one side
- Weatherproof enclosure made of galvanized sheet metal.
- Noise attenuation thanks to high quality soundproofing material.
- Efficient residential silencer placed inside the canopy
- Single lifting points for easy Handling.



GENSET CONTROL:

- User friendly manual/remote start panel.
- Complete genset control and protection.
- Prepared for remote control
- Protection cover in plexiglass for controller

GENSET CONTROL PANELS

Mounted on the genset, complete with digital control unit or monitoring, control and protection of the generating set.

CONTROL SECTION

- CONTROL UNIT with Key 3 positions: OFF, ON local start, REM remote start.
- Voltage Selector Switch 230/115V
- 2-wire remote start/stop (REM)
- CONNector for RSS Remote Start Stop Wireless (accessory available).
- Horn Alarm

CONTROL UNIT

- Display: LCD with icons (52x35mm)
- Genset parameters: V- Hz – RPM – A (1Phase) – kVA – kWe – Fuel level (%)
- Parameters control and/or firmware transferring through NFC smart connect

PROTECTIONS

- Circuit breaker
- Genset Protection: Over load – current – voltage, High Coolant temperature, Low Oil pressure – Low fuel level.
- Emergency push button



SOCKET TYPE

| | |
|------------------------|---|
| 2P+T CEE 115V 16A IP44 | 2 |
| 2P+T CEE 115V 32A IP44 | 4 |
| 2P+T CEE 230V 16A IP44 | 1 |

SUPPLEMENTS CONTROL (Available when ordered)

PHS- Coolant pre-heating system

The coolant preheating system allow to mainain the engine at a temperature that ensures a quick start when required. Immersion heater 400W.



ACCESSORIES CONTROL PANEL

RSS - REMOTE START / STOP

RSS Remote start/stop wireless with CONNector (max Distance 90m)



ACCESSORIES

FCK - Fuel cap with key



STR - Site Trailer

