

Panda PMS 18X PMS

With 3-cylinder water-cooled Kubota1123ccm diesel engine Type: D 1105
 and **Water-cooled Fischer Panda alternator**
 (**Single phase 230V/50Hz**) **Three phase on request**

Nominal output : 15.3 kW (18.0 kVA at cos phi = 0.85)

Continuous output : 13.8 kW (16.2 kVA at cos phi = 0.85) at 3000 RPM

Rated current each Phase in Ampere: 66.52

Continuous current each Phase in Ampere: 60.00

Complete set includes:

- Two pole relays for isolated ground
- 12V starts system
- 12V/40A alternator for battery charging
- Engine driven cooling water pump
- Heat exchanger for engine and alternator
- Belt driven impeller pump for the raw water circuit
- GRP (Glass fibre reinforced polyester) sound insulation capsule 3D**
(3 layers with a total thickness of 30 mm)
- Remote control panel with on /off / preheat / start LCD hour meter and automatic shut off of the generator in case of alarm.
- Exhaust and engine temperature switch
- Oil pressure switch
- Oil temperature switch
- Winding temperature switch
- Fuel shut off solenoid for engine stop
- Fuses for 12V system
- Air filter
- Patented VCS voltage regulation for 230V with actuator for output voltage control
- Automatic start booster (ASB) for easier starting of inductive load
- 12 V fuel pump with inline filter and hose connectors
- 4 pcs rubber mounts type: Fischer Panda

Overall Dimensions : 820mm x 505mm x 620mm (L x W x H)

Weight in kg incl. capsule : 297 kgs.

Sound Level : 55/65/69 (7m/3m/1m)

Cooling water Installation

- grated water intake brass 1" external thread 1 nos.
- ball valve brass, internal thread 1" 1 nos.
- thread feed pipe brass hexagonal 1" external thread x25mm hose con. 1 nos.
- Seawaterfilter FTR330-25 (1") 1 nos.
- breather valve Airvent V 1 nos.
- hose clamp with worm helix DIN 3017 Ø 20-32mm, width 9mm 6 nos.
- waterhose with inside wire-helix clear DWHOSE Ø25mm 4 mtr.

Exhaust Installation

- water lock type Fischer Panda 160/50 connection Ø50mm 1 nos.
- through hull fitting without strainer brass DOORB 1 ½" 1 nos.
- thread feed pipe brass hexagonal 1-½" external thread x 50mm h. con. 1 nos.
- thread fitting straight brass 1-½" internal thread x 1-1/2" internal thread 1 nos.
- hose clamp with worm helix DIN 3017 Ø 40-60mm, width 9mm 4 nos.
- exhaust hose type Fischer Panda black with wirehelix inside, Ø 51mm 5 mtr.

Fuel Installation

- fuel hose ISO 7840 A1 Ø 8 mm 10 mtr.
- hose clamp with worm helix DIN 3017 Ø 8-16mm, width 9mm 4 nos.
- non-return-valve Ø 8mm inside 2 nos.
