

Panda PMS 18X PMS

With 3-cylinder water-cooled Kubota 1123ccm 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 1-½" 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.
