

Panda PMS 8000 X PMS

With 2-cylinder **water-cooled Kubota** 479ccm diesel engine Type: Z482
and **water-cooled Fischer Panda alternator**

(230V, 50Hz, single phase winding)

Nominal output : 6.8 kW (8.0 kVA at cos phi = 0.85)

Continuous output : 6.0 kW (7.2 kVA at cos phi = 0.85) at 3000 RPM

Rated current each Phase in Ampere: 29.50

Continuous current each Phase in Ampere: 26

Complete set includes:

- 12V starts system
- 12V/10A alternator for battery charging
- Engine driven cooling water pump
- Heat exchanger for engine and alternator
- Direct engine driven impeller pump for the raw water circuit
- Fiber Glass sound insulation capsule 3D**
- 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 : 595mm x 440mm x 590mm (L x W x H)

Weight in kg incl. capsule : 164 kgs.

Sound Level : 52/62/67 (7m/3m/1m)

Cooling water Installation

- grated water intake brass ¾" external thread 1 nos.
- ball valve brass, internal thread ¾" 1 nos.
- thread feed pipe brass hexagonal ¾" external threadx19mm hose con. 1 nos.
- seawaterfilter FTR330-19 (¾") 1 nos.
- breather valve Airvent V 1 nos.
- hose clamp with worm helix DIN 3017 Ø 16-25mm, width 9mm 6 nos.
- waterhose with inside wire-helix clear DWHOSE Ø20m 4 mts

Exhaust Installation

- water lock type Fischer Panda 160/40 connection Ø40mm 1 nos.
- gas water separator 1 no.
- through hull fitting without strainer brass DOORB 1 ½" 1 nos.
- fitting for exhaust outlet 1 no.
- through hull fitting for water outlet 1 no.
- thread feed pipe brass hexagonal1-½"external thread x 38mm 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 32-50 mm, width 9mm 4 nos.
- exhaust hose type Fischer Panda black with wirehelix inside Ø40mm 5 mts.

Fuel Installation

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