

Panda 12000X PMS

With 3-cylinder **Water-cooled Kubota** 719ccm diesel engine Type: D722
 And **Water-cooled Fischer Panda Alternator**
(Single phase 230V, 50Hz)

Nominal output : 10.2 KW (12.0 KVA at cos phi = 0.85)
 Continuous output : 9.0 KW (11.2 KVA at cos phi = 0.85) at 3000 RPM
 Rated current each Phase in Ampere: 44.0
Continuous current each Phase in Ampere: 39.0

Complete set includes:

- 12 V starts system
- 12 V/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**
 (with one layer of heavy lining and one layer of special sound insulation foam)
- 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 starter booster (ASB) for easier starting of inductive load
- 12 V fuel pump with inline filter and hose connectors
- 4 pcs. Rubber mounts
- **Dimensions** : 700 mm x 440 mm x 590 mm. (L x W x H)
- **Weight** : 195 kgs.
- **Sound level** : 53db-7m, 63db-3m, 67db-1m

Cooling water Installation

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|--|--------|
| - 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

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|---|--------|
| - water lock type Fischer Panda 160/40 connection Ø40mm | 1 nos. |
| - through hull fitting without strainer brass DOORB 1 ½" | 1 nos. |
| - 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 wire helix inside Ø40mm | 5 m |

Fuel Installation

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|---|--------|
| - 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. |
