

**Panda30x PMS**

With 4-cylinder water-cooled Kubota 1498 ccm diesel engine type V1505 TD and **water-cooled Fischer Panda alternator.**

**(230V/ 50Hz, single phase winding)**

Nominal output : 25.5 kW (30.0 KVA at cos phi = 0.85 )

**Continuous output : 22.9 KW at 3000 RPM**

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
- Direct engine driven impeller pump for the raw water circuit
- GFK (Fiber Glass capsule 4Ds)**  
(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 type: Fischer Panda

**Overall Dimensions: 1080 mm x 560mm x 690mm (L x W x H)**

**Weight in kg incl. capsule: 415 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 no.
- thread feed pipe brass hexagonal 1" external threadx25mm hose con:1 nos.
- seawaterfilter FTR330-19 (1") 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 Ø25m 4 mts

**Exhaust Installation**

- water lock type Fischer Panda 160/60 connection Ø60mm 1 nos.
- through hull fitting without strainer brass DOORB 2" 1 nos.
- thread feed pipe brass hexagonal 2"external thread x 60mm h. con. 1 nos.
- thread fitting straight brass 2" internal thread x 2" internal thread 1 nos.
- hose clamp with worm helix DIN 3017 Ø 60-80 mm, width 12mm 4 nos.
- exhaust hose type Fischer Panda black with wirehelix inside Ø60mm 5 nos.

**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.

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