

EY10

10 kVA, Silent Type, YD380D, WHI 164B



Standards & Conditions

Design Standards

- The designs and the productions are in conformity with:
- Conformance Européenne (CE)
- China Compulsory Certification (CCC)
- ISO8528-5:2005
- GB/T2820.5-2009

Environmental Operating Conditions

- Installation place: Outdoors or indoors (well ventilated).
- Ambient temperature:-25°C to 45°C
- Humidity: less than 80%.
- Altitude: Below one thousand (1000) meters.

Factory Inspection

- Inspection items.
- Protection devices working test.
- Starting ability in normal temperature.
- 50% rated power load moment capability.
- Voltage deviation and speed variation:0%,25%,50%,75%,100%,110% Load.

Painting process

- Painting process by powder coating,specification and colours are based on the manufacturer standard.
- The customer could also choose the colour which the manufacturer offers.



GENERATOR SET

| | |
|----------------------|---|
| Model No. | EY10 |
| Standby power | 11KVA/8.8KW |
| Rated power | 10KVA/8KW |
| Output voltage | 230/400 |
| Rated speed (r/min.) | 1500 |
| Noise level (7m) | 68 DbA (silent type) |
| Power factor | COSΦ=0.8 (lagging) |
| Phase/wires | 3 phase 4 wires |
| Start mode | Electric |
| Fuel consumption | 1.8 L/h |
| Rated current(amps) | 14.4 A |
| Protection | Low oil-pressure, High water temperature, Over-speed, Over-current. |

ALTERNATOR

| | |
|-----------------------|---------------------|
| Brand | Wattek |
| Model | WHI164B |
| Protection | IP23 |
| Frequency fluctuation | ≤ ±0.5 % |
| Voltage distortion | < 4% |
| Prime Power | 11KVA(8.8KW) |
| Original | China |
| Rated voltage | 400/230 V |
| Frequency regulation | ≤ ±0.5 % (stable) |
| Voltage control | AVR |

ENGINE

| | |
|------------------------------|----------------------|
| Brand | YTO (Yangdong) |
| Model | YD380D |
| Original: | China |
| Cylinders | 3 |
| Fuel | 0# light diesel |
| Inter-Cooling | N/A |
| Compression Ratio | 16:1 |
| Engine Power (prime/standby) | 10KW/12KW |
| Aspiration | Naturally aspirated |
| Governor/Class | Mechanical |
| Bore and stroke | 80×90 mm |
| Start mode | DC24V electric start |
| Cylinders Layout | In Line |
| Displacement | 1.357 L |

Specification may change without prior notice.

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Technical parameters of **Control Panel:**

| | | | |
|------------------|--|--------------|---------|
| Brand | Smartgen | Model | HGM410N |
| Function: | <ul style="list-style-type: none"> • Start or Stop Generator set manually / automatically • High Coolant temperature protection • Low Oil pressure protection • Over load protection • Generator over/under frequency protection • Over speed protection | | |



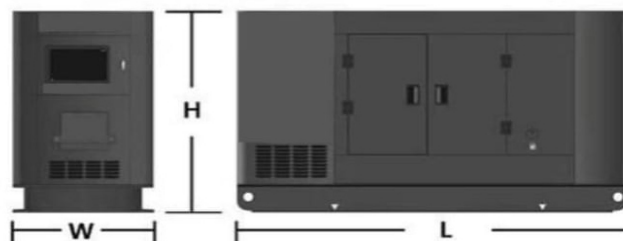
Note : Indicate this function depend on the set points of the controller in field.

Optional accessories

| | |
|----------------|--|
| Engine | • Heater • Battery Charger |
| Alternator | • Permanent Magnet Generator (PMG) |
| Control system | • Remote Control Panel • Auto Transfer Switch (ATS) • Paralleling System |
| Fuel system | • Daily Fuel Tank • Water Separator • Fuel Level Sensor |
| Others | • Rainproof Type • Soundproof Type • Trailer Type • Extra spare Parts |

Dimensions and Weights

| Model | L x W x H mm | Weight kg |
|-------|-------------------|-----------|
| EY10 | 1900 x 880 x 1240 | 580 |



Remark:

Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820 97(EQV ISO8528); a 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

Warranty: We provides a full line of brand new and high quality products. Each Genset is strictly factory tested before delivery. We offer client warranty of 12 months or 1,000 running hours warranty which comes first (longer warranty period can be offered with extra charge)

SOLE AGENT :

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