

# EY38

38 kVA, Silent Type, YT3A2Z-D, WHI 184H



## 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.	EY60M5
Standby power	66KVA/53KW
Rated power	60KVA/48KW
Output voltage	230/400
Rated speed (r/min.)	1500
Noise level ( 7m )	72dB
Power factor	COSΦ=0.8 lagging
Phase/wires	3 phase 4 wires
Start mode	Electric
Fuel consumption	9.5L/h (Full load)
Rated current(amps)	54
Protection	Low oil-pressure, High water temperature, Over-speed, Over-current.

### ALTERNATOR

Brand	Wattek
Model	WHI 224E
Protection	IP23
Frequency fluctuation	≤±0.5 %
Voltage distortion	< 4%
Prime Power	60KVA(48KW)
Original	China
Rated voltage	400/230 V
Frequency regulation	≤±0.5 % ( stable )
Voltage control	AVR

### ENGINE

Brand	YTO
Model	YT4B2Z-D
Original:	China
Cylinders	4
Fuel	0# light diesel
Inter-Cooling	N/A
Compression Ratio	17.5:1
Engine Power (prime/standby)	60KW/65KW
Aspiration	Turbocharged
Governor/Class	Mechanical
Bore and stroke	108×120 mm
Start mode	DC24V electric start
Cylinders Layout	In Line
Displacement	4.4 L

Specification may change without prior notice.

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## Technical parameters of Control Panel:

<b>Brand</b>	Smartgen	<b>Model</b>	HGM 410N
<b>Function:</b>	<ul style="list-style-type: none"> <li>• Start or Stop Generator set manually / automatically</li> <li>• High Coolant temperature protection</li> <li>• Low Oil pressure protection</li> <li>• Over load protection</li> <li>• Generator over/under frequency protection</li> <li>• Over speed protection</li> </ul>		



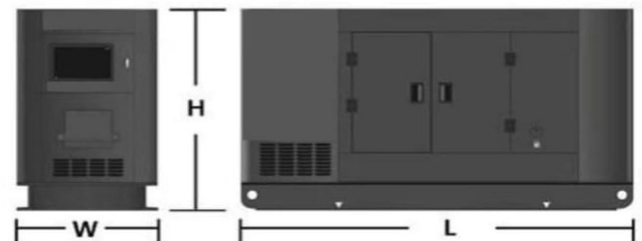
Note : Indicate this function depend on the set points of the controller in field.

## 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
EY38	2500 x 1000 x 1350	1080



### 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 :

#### PT. SURYA PUTRA MESINDO

Tel : (+6221) 55959133 (Hunting)  
 Fax : (+6221) 55959132  
 E-mail : suryaputra@indo.net.id  
 Address : Jl. Kamal Raya Outer Ringroad, Taman Palem Lestari, Ruko Galaxy  
 Blok N No. 19 (17,18,19) Cengkareng - Jakarta Barat 11730