

# FIRMAN<sup>®</sup>

NEW POWER NEW LIFE

12  
KVA

INDUSTRIAL LINE  
PETROL GENERATOR



100% MADE IN JAPAN

Powered by



**SUBARU**  
V-TWIN OHV ENGINES

 国机集团 | **SUMEC**  
Fortune Global 500



- Powerful
- Durable
- Excellent performance
- Environmental friendly
- Easy starting
- Long running time
- Low noise
- Digital display
- Easy moving
- Easy maintenance

Equipped with SUBARU OHV V-twin gasoline engine, Eh65, Eh72 and EH72FI series.

SUBARU V-twin engines are designed as the heaviest duty engine series featuring cast iron cylinder sleeve, forged steel crankshaft with dual bearing supports, oil cooler system against the high cylinder temperature.

Stable electricity less than 30% in voltage fluctuation owing to the advanced alternator design with AVR, and high output less than 5% in wave distortion.

SUBARU V-twin engines can meet or exceed all governmental emission regulations.

Electric starting with large-capacity battery 30AH.

Large fuel tank 40L.

Particularly designed super-silent muffler.

Voltage, frequency, running time and oil warning system.

4 high quality wheels.

Easy to take apart and assemble with normal tools.

## FPG15000SE Specifications

| Model                           |  | FPG15000SE  |                                      | FPG15000STE   |                               |         |
|---------------------------------|--|---|--------------------------------------|---|-------------------------------|---------|
| GENERATOR                       | Type                                     | Brush,self exciting, synchronous,2-pole,single phase      |                                      | Brush,self exciting, synchronous,2-pole,3-phase           |                               |         |
|                                 | Voltage Regulator                        | AVR   |                                      | AVR   |                               |         |
|                                 | AC output                                | Frequency   | 50Hz                                 | 60Hz  | 50Hz                          | 60Hz    |
|                                 |  | Rated Voltage   | 110V,220V,230V,240V,110V/220V        |   | 220V/380V,230V/400V,240V/415V |         |
|                                 |  | Rated Output  | 10.0KVA                              | 11.0KVA   | 12.0KVA                       | 13.5KVA |
|                                 |  | Maximum Output  | 12.0KVA                              | 13.5KVA   | 14.5KVA                       | 16.0KVA |
|                                 | DC output                                | Yes   |                                      | Yes   |                               |         |
| Power factor                    | 1.0                                      |   | 0.8                                  |   |                               |         |
| Over current protector          | Fuseless circuit breaker                 |   | Fuseless circuit breaker             |   |                               |         |
| ENGINE                          | Model                                    | EH72-2  |                                      | EH72-2  |                               |         |
|                                 | Type                                     | Robin air-cooled 4-stroke V-twin cylinder gasoline engine |                                      | Robin air-cooled 4-stroke V-twin cylinder gasoline engine |                               |         |
|                                 | Displacement                             | 720   |                                      | 720   |                               |         |
|                                 | Fuel                                     | Gasoline(Petrol)  |                                      | Gasoline(Petrol)  |                               |         |
|                                 | Fuel Tank Capacity                       | 42 L  |                                      | 42 L  |                               |         |
|                                 | Run Time(appr.) on One Tankful @3/4 Load | 8h  | 6.5h                                 | 8h  | 6.5h                          |         |
|                                 | Starting System                          | Electric starter  |                                      | Electric starter  |                               |         |
| Dimensions (L x W x H)          | 910 x 650 x 846                          |   | 910 x 650 x 846                      |   |                               |         |
| Dry Weight                      | 170kg                                    |   | 170kg                                |   |                               |         |
| Oil Warning System              | Yes                                      |   | Yes                                  |   |                               |         |
| Digital Display                 | Yes/Digital display 4 in 1(Optional)     |   | Yes/Digital display 5 in 1(Optional) |   |                               |         |
| Battery Capacity                | 12V-30AH                                 |   | 12V-30AH                             |   |                               |         |
| 2-wheel transport kit(Optional) | Yes                                      |   | Yes                                  |   |                               |         |
| 4-wheel transport kit           | Yes                                      |   | Yes                                  |   |                               |         |