

6 kVA

STANDBY POWER

5.5 kVA

PRIME POWER

SINGLE PHASE

240V | 50HZ

3000 RPM

28 L TANK

OVERVIEW

The FP6LY is a 6kVA single phase low profile diesel generator rated 5.5kVA (5.5kW) prime and 6kVA (6kW) standby at 240V, 50Hz and a power factor of 1.0. It is powered by a Yanmar 2TNV70-HGE, a two cylinder, water-cooled diesel running at 3000 rpm, and drives a two-pole brushless synchronous alternator with AVR. Starting is electric at 12 volts with the battery included, and protection is an IP67-enclosed RCD.

TECHNICAL OVERVIEW

Output	5.5kVA (5.5kW) prime, 6kVA (6kW) standby @ 1.0PF
Rated current	23 Amps (prime)
Phase / voltage	Single phase, 240V, 50Hz
Fuel	Diesel
Fuel tank	28 L
Fuel use	2.4 L/hr at prime load
Run time	12 hrs continuous at prime load
Noise level	68 dB(A) @ 7m
Canopy	Sound deadened throughout, weather-resistant powder coat, stainless steel fittings
Mine spec	Mine spec upgrade available
Warranty	2 years or 2,000 hours

ALTERNATOR

Alternator	Single phase 2-pole brushless synchronous alternator with AVR
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OUTLETS & PROTECTION

Outlets	1 x 32 Amp and 2 x 15 Amp IP66 outlets
Hardwire terminals	No
Protection	RCD to Australian Standards (IP67 enclosed)

ENGINE

Engine	Yanmar 2TNV70-HGE two-cylinder diesel, 3000rpm, water cooled
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CONTROLS

Controller	ComAp AMF5, two-wire remote start
Start type	12 volt electric, battery included

DIMENSIONS & WEIGHT

Dimensions (L x W x H)	107 x 62 x 70 cm
Weight	298 kg

STANDARD FEATURES

- The low profile build keeps the height of the set down, which helps where headroom is limited.
- The engine runs at 3000 rpm and drives a two-pole alternator, the pairing that produces a 50Hz supply.
- The alternator is brushless, so there are no brushes to wear, and its AVR holds the output voltage steady as the load changes.
- A two-wire remote start input on the ComAp AMF5 controller lets an external switch or controller start the set.
- One 32A outlet and two 15A outlets are rated IP66 (dust tight and protected against powerful water jets).
- The canopy is sound deadened throughout and finished in a weather-resistant powder coat with stainless steel fittings.

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