

VIC 136 Fairbank Road NSW: 1 St James Place QLD: 31South Pine Road Clayton South, Vic 3169 Seven Hills, Nsw 2147 Brendale, Qld 4500

Tel: 1300 MAC GEN (622 436) Email info@macgen.com

**ESTABLISHED 1949** 

www.macfarlanegenerators.com.au

## P6000 230V 50HZ





Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

Main Features		
Frequency	Hz	50
Voltage	V	230
Power factor	cos φ	0.9
Phase and connection		1

Power Rating		
Standby power LTP	kVA	5.9
Standby power LTP	kW	5.3
Continuous power COP	kVA	4.8
Continuous power COP	kW	4.3

## Ratings definition (According to standard ISO8528 1:2005)

COP - Continuous Power: It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. **LTP** - Limited-Time running Power: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per

year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Engine specifications		
Engine manufacturer		Yanmar
Model		L100N Electric
Engine cooling system		Air
Displacement	CM <sup>3</sup>	435
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	I	1.6
Starting system		Electric

Alternator Specifications		
Туре		Brushes
Class		Н
Voltage regulation system		Electronic
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	2
Standard AVR		AVR 520

Dimensional data		
Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	Kg	186
Fuel tank capacity	l	24

Autonomy		
Fuel consumption @ 75% PRP	l/h	1.46
Fuel consumption @ 100% PRP	l/h	1.94
Running time @ 75% PRP	h	16.44
Running time @ 100% PRP	h	12.37

Noise level		
Guaranteed noise level (LWA)	dB(A)	93
Noise pressure level @ 7 mt	dB(A)	65



Disclaimer: Every effort has been made to publish the correct details in this brochure. No responsibility will be taken for errors, omissions or changes in product specifications. Recommend contacting your local branch on 1300 MAC GEN (1300 622 436) to confirm all pricing and the suitability of products for your needs.