

**P Class Diesel:
Power less than 5kVa**

The smallest diesel generator sets have the unique ability to supply quality electrical energy for almost 18 hours without refuelling. The economical and hard working diesel engines make for the ideal generator set for the demanding professional.



Panel

Complete with easy to read displays, incorporating superb design and practicality, allow the user complete control of all functions with assured safety.



Fuel Tap

A fuel tap cut off guarantees diesel will not flow when the generator is not in use.

**Oil Change Access and
Recoil Starting Handle**

Easy access to oil cap means for quick and straight forward oil changes and refilling. Recoil handle is in an ideal position for safe and effortless starting.



MODEL CODE		P4500 PF322SYH	P4500 PF322SYA
GENERATOR 3000 RPM			
SINGLE-PHASE POWER			
Power LTP	kW	3,41	3,41
Power COP/LTP	kVA	3,22/3,79	3,22/3,79
Voltage	Volt	230	230
Frequency	Hz	50	50
Power Factor	cos Φ	0,9	0,9
ENGINE			
Model		Yanmar	Yanmar
Type		L70	L70
Displacement	CC	296	296
Cylinder		1 vertical	1 vertical
Power	kW	4,8	4,8
Fuel		gasoil	gasoil
Aspiration		natural	natural
Cooling system		air	air
Starting system		recoil	electric
CONSUMPTION			
Consumption	g/kWh	272	272
Consumption at 75%	l/h	1	1
Tank capacity	l	18	18
Running time at 75%	h	17,7	17,7
NOISE EMISSION			
Noise level LWA	dB(A)	96	96
Acoustic pressure at 7 m	dB(A)	71	71
DIMENSIONS AND WEIGHT			
Length	mm	800	800
Width	mm	520	520
Height	mm	660	660
Weight (dry)	kg	98	103
STANDARD EQUIPMENT			
Magneto thermal protection		•	•
Voltmeter		•	•
Sockets		2 x 230V 16A 1 x 230V 32A	2 x 230V 16A 1 x 230V 32A
PROTECTION			
Electric protection		IP 23	IP 23
Socket protection		IP 44	IP 44
ACCESSORIES			
Transportation kit		•	•
Remote control			•
AMF panel			•
Isometer protection		•	•
Differential protection		•	•

LTP: Maximum Power COP: Continuous Power

GENERATOR SETS

CLASS **P** DIESEL

P Class Diesel: Power from 5 to 9 kVa

Equipped to the same standards as the petrol versions, yet using a powerful and reliable diesel engine, these generators offer the maximum in performance, reliability and economy.



Panel

Complete with easy to read displays, incorporating superb design and practicality, allow the user complete control of all functions with assured safety.



Lifting Eye

The strong lifting eye integrated into the frame with a dedicated cover allows easy and effortless moving of the generator.

Easy Access

Lateral doors make it easy to access the engine bay for maintenance and service operations.



MODEL CODE		P6000 PF482SYA	P6000 PF572TYA	P6000s PF532SYA	P6000s PF602TYA	P9000 PF752SRA	P9000 PF882TRA
GENERATOR 3000 RPM							
THREE-PHASE POWER							
Power LTP	kW		5,53		5,53		8,15
Power COP/LTP	kVA		5,67/6,92		5,67/6,92		8,76/10,19
Voltage	Volt		400		400		400
Frequency	Hz		50		50		50
Power Factor	cos Φ		0,8		0,8		0,8
SINGLE-PHASE POWER							
Power LTP	kW	5,28	4,11	5,35	4,11	7,8	6,05
Power COP/LTP	kVA	4,81/5,87	3,33/4,57	4,87/5,94	3,33/4,57	7,45/8,67	5,14/6,72
Voltage	Volt	230	230	230	230	230	230
Frequency	Hz	50	50	50	50	50	50
Power Factor	cos Φ	0,9	0,9	0,9	0,9	0,9	0,9
ENGINE							
Model		Yanmar	Yanmar	Yanmar	Yanmar	Ruggerini	Ruggerini
Type		L100	L100	L100	L100	MD150	MD150
Displacement	CC	406	406	406	406	654	654
Cylinder		1 in vertical	1 in vertical	1 in vertical	1 in vertical	2 in line	2 in line
Power	kW	6,9	6,9	6,9	6,9	10	10
Fuel		gasoil	gasoil	gasoil	gasoil	gasoil	gasoil
Aspiration		natural	natural	natural	natural	natural	natural
Cooling system		air	air	air	air	air	air
Starting system		electric	electric	electric	electric	electric	electric
CONSUMPTION							
Consumption	g/kWh	272	272	272	272	260	260
Consumption at 75%	l/h	1,4	1,4	1,37	1,37	2,1	2,1
Tank capacity	l	24	24	19	19	24	24
Running time at 75%	h	17	17	13,8	13,8	11,7	11,7
NOISE EMISSION							
Noise level LWA	dB(A)	97	97	84	84	97	97
Acoustic pressure at 7 m	dB(A)	72	72	58	58	71	71
DIMENSIONS AND WEIGHT							
Length	mm	930	930	1050	1050	930	930
Width	mm	555	555	620	620	555	555
Height	mm	800	800	830	830	800	800
Weight (dry)	kg	149	153	205	205	190	193
STANDARD EQUIPMENT							
Magneto thermal protection		•	•	•	•	•	•
Voltmeter		•	•	•	•	•	•
Lifting hook		•	•	•	•	•	•
Sockets		2 x 230V 16A 1 x 230V 32A	3 x 230V 16A 1 x 400V 16A	1 x 230V 32A 2 x 230V 16A	2 x 230V 16A 1 x 400V 16A	2 x 230V 16A 1 x 230V 32A	3 x 230V 16A 1 x 400V 16A
PROTECTION							
Electric protection		IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Socket protection		IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
ACCESSORIES							
Transportation kit		•	•	•	•	•	•
Remote control		•	•	•	•	•	•
AMF panel		•	•	•	•	•	•
Isometer protection		•	•	•	•	•	•
Differential protection		•	•	•	•	•	•

LTP: Maximum Power COP: Continuous Power

**P Class Diesel:
Power greater than 9 kVa**

Designed for professional and hard use, these generators are hoping to spend their lifetimes supplying power to sites and demanding applications. The integrated wheels and handles make it an ideal machine for conditions where it is vital that the power source is manoeuvrable and reliable.



Panel

Complete with easy to read displays, incorporating superb design and practicality, allow the user complete control of all functions with assured safety. The folding panel door protects the panel when the machine is not in use.



Lifting Eye

A simple and efficient tool that allows the easy moving of the machine, centrally positioned for best balance.



Easy Access

With an easy lifting canopy hood, all engine maintenance is safe and easy.



MODEL CODE		P11000 PF113SYA	P11000 PF113TYA	P12000 PF113TZA
GENERATOR 3000 RPM				
THREE-PHASE POWER				
Power LTP	kW		9,5	12,63
Power COP/LTP	kVA		10,80/11,88	11,00/15,79
Voltage	Volt		400	400
Frequency	Hz		50	50
Power Factor	cos Φ		0,8	0,8
SINGLE-PHASE POWER				
Power LTP	kW	10,69	6,53	9,38
Power COP/LTP	kVA	10,80/11,88	6,60/7,26	6,45/10,42
Voltage	Volt	230	230	230
Frequency	Hz	50	50	50
Power Factor	cos Φ	0,9	0,9	0,9
ENGINE				
Model		Yanmar	Yanmar	Hatz
Type		3TNE68	3TNE68	2G40
Displacement	CC	784	784	997
Cylinder		3 in line	3 in line	2 in line
Power	kW	12,9	12,9	15,4
Fuel		gasoil	gasoil	gasoil
Aspiration		natural	natural	natural
Cooling system		water	water	air
Starting system		electric	electric	electric
CONSUMPTION				
Consumption	g/kWh	252	252	235
Consumption at 75%	l/h	3	3	2,3
Tank capacity	l	24	24	17
Running time at 75%	h	8	8	7,4
NOISE EMISSION				
Noise level LWA	dB(A)	94	94	97
Acoustic pressure at 7 m	dB(A)	69	69	71
DIMENSIONS AND WEIGHT				
Length	mm	1360	1360	1270
Width	mm	650	650	830
Height	mm	912	912	920
Weight (dry)	kg	326	326	275
STANDARD EQUIPMENT				
Oil-guard system		•	•	
Magneto thermal protection		•	•	•
Isometer protection		•	•	•
Over temperature protection		•	•	
Voltmeter		•	•	•
Hour meter		•	•	•
Oil pressure indicator		•	•	•
Lifting hook		•	•	•
Sockets		2 x 230V 16A 1 x 230V 32A	1 x 230V 16A 1 x 230V 32A 1 x 400V 32A	1 x 230V 16A 1 x 230V 32A 1 x 400V 16A
PROTECTION				
Electric protection		IP 23	IP 23	IP 23
Socket protection		IP 44	IP 44	IP 44
ACCESSORIES				
Transportation kit		•	•	standard
Job site trailer		•	•	•
Remote control		•	•	•
AMF panel		•	•	•
Differential protection		•	•	•
Pre-heater		•	•	•

LTP: Maximum Power COP: Continuous Power