

CLASS **P**  
DIESEL

**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.



PLEASE NOTE: This model is shown with an optional trolley kit which is not fitted as standard

<p><b>Panel</b></p> <p>Complete with easy to read displays, incorporating superb design and practicality, allow the user complete control of all functions with assured safety.</p>		<p><b>Fuel Tap</b></p> <p>A fuel tap cut off guarantees diesel will not flow when the generator is not in use.</p>
	<p><b>Oil Change Access and Recoil Starting Handle</b></p> <p>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.</p>	

MODEL CODE		P4500 PF322SYH	P4500 PF322SYA
<b>GENERATOR 3000 RPM</b>			
<b>SINGLE-PHASE POWER</b>			
Power LTP	kW	3,41	3,41
Power COP/LTP	kVA	3,22/3,79	3,22/3,79
Voltage	Volt	230 / 115	230 / 115
Frequency	Hz	50	50
Power Factor	cosφ	0,9	0,9
<b>ENGINE</b>			
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
<b>CONSUMPTION</b>			
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
<b>NOISE EMISSION</b>			
Noise level LWA	dB(A)	96	96
Acoustic pressure at 7 m	dB(A)	71	71
<b>DIMENSIONS AND WEIGHT</b>			
Length	mm	800	800
Width	mm	520	520
Height	mm	660	660
Weight (dry)	kg	98	103
<b>STANDARD EQUIPMENT</b>			
Magneto thermal protection		•	•
Voltmeter		•	•
Sockets		2 X 230V 16A 2 X 115V 16A	2 X 230V 16A 2 X 115V 16A
<b>PROTECTION</b>			
Electric protection		IP 23	IP 23
Socket protection		IP 44	IP 44
<b>ACCESSORIES</b>			
Transportation kit		•	•
Remote control			•
AMF panel			•
Isometer protection		•	•
Differential protection		•	•

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.



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



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



MODEL CODE		P6000 PF482SYA	P6000 PF572TYA	P6000s PF532SYA	P6000s PF602TYA	P9000 PF752SRA	P9000 PF882TRA
<b>GENERATOR 3000 RPM</b>							
<b>THREE-PHASE POWER</b>							
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 $\phi$		0,8		0,8		0,8
<b>SINGLE-PHASE POWER</b>							
Power LTP	kW	5,28	4,11	5,28	4,11	7,8	6,05
Power COP/LTP	kVA	4,81/5,87	3,33/4,57	4,81/5,87	3,33/4,57	7,45/8,67	5,14/6,72
Voltage	Volt	230 / 115	230	230 / 115	230	230 / 115	230
Frequency	Hz	50	50	50	50	50	50
Power Factor	cos $\phi$	0,9	0,9	0,9	0,9	0,9	0,9
<b>ENGINE</b>							
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
<b>CONSUMPTION</b>							
Consumption	g/kWh	272	272	272	272	260	260
Consumption at 75%	l/h	1,4	1,4	1,4	1,4	2,1	2,1
Tank capacity	l	24	24	21	21	24	24
Running time at 75%	h	17	17	14,9	14,9	11,7	11,7
<b>NOISE EMISSION</b>							
Noise level LWA	dB(A)	98	98	83	83	99	99
Acoustic pressure at 7 m	dB(A)	72	72	57	57	73	73
<b>DIMENSIONS AND WEIGHT</b>							
Length	mm	930	930	970	970	930	930
Width	mm	555	555	580	580	555	555
Height	mm	800	800	800	800	800	800
Weight (dry)	kg	149	153	205	205	190	193
<b>STANDARD EQUIPMENT</b>							
Magneto thermal protection		•	•	•	•	•	•
Voltmeter		•	•	•	•	•	•
Lifting hook		•	•	•	•	•	•
Sockets		2 X 230V 16A 2 X 115V 16A 1 X 115V 32A	3 x 230V 16A 1 x 400V 16A	2 X 230V 16A 2 X 115V 16A 1 X 115V 32A	2 x 230V 16A 1 x 400V 16A	2 X 230V 16A 2 X 115V 16A 1 X 115V 32A	3 x 230V 16A 1 x 400V 16A
<b>PROTECTION</b>							
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
<b>ACCESSORIES</b>							
Transportation kit		•	•	•	•	•	•
Remote control		•	•	•	•	•	•
AMF panel		•	•	•	•	•	•
Isometer protection		•	•	•	•	•	•
Differential protection		•	•	•	•	•	•

GENERATOR SETS

CLASS **P** DIESEL

**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 optional 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.



PLEASE NOTE: This model is shown with an optional trolley kit which is not fitted as standard

MODEL CODE		P11000 PF113SYA	P11000 PF113TYA	P12000 PF113TZA
<b>GENERATOR 3000 RPM</b>				
<b>THREE-PHASE POWER</b>				
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	cosφ		0,8	0,8
<b>SINGLE-PHASE POWER</b>				
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 / 115	230	230
Frequency	Hz	50	50	50
Power Factor	cosφ	0,9	0,9	0,9
<b>ENGINE</b>				
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
<b>CONSUMPTION</b>				
Consumption	g/kWh	252	252	235
Consumption at 75%	l/h	3	3	2,3
Tank capacity	l	30	30	17
Running time at 75%	h	10	10	7,4
<b>NOISE EMISSION</b>				
Noise level LWA	dB(A)	94	94	98
Acoustic pressure at 7 m	dB(A)	69	69	73
<b>DIMENSIONS AND WEIGHT</b>				
Length	mm	1360	1360	1003
Width	mm	650	650	620
Height	mm	840	840	800
Weight (dry)	kg	271	282	275
<b>STANDARD EQUIPMENT</b>				
Oil-guard system		•	•	
Magneto thermal protection		•	•	•
Differential protection				
Isometer protection		•	•	•
Over temperature protection		•	•	
Voltmeter		•	•	•
Hour meter		•	•	•
Oil pressure indicator		•	•	•
Lifting hook		•	•	•
Sockets		2 X 230V 16A 1 X 230V 32A	2 X 230V 16A 1 X 230V 32A 2 X 115V 16A 2 X 115V 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
<b>PROTECTION</b>				
Electric protection		IP 23	IP 23	IP 23
Socket protection		IP 44	IP 44	IP 44
<b>ACCESSORIES</b>				
Transportation kit		•	•	
Job site trailer		•	•	•
Remote control		•	•	•
AMF panel		•	•	•
Differential protection		•	•	•
Pre-heater		•	•	•