

Portable Range

Power Equipment



www.nortecnica.pt ROW | 50HZ






PRAMAC

PX 4000

AVR



Portable

PRAMAC portable division meets the needs of both professional and amateur users, offering a wide product range: from electric generator sets to water pumps, from pressure washers to welder generators. Quality, efficiency and high product standards are achieved through the use of modern design and manufacturing techniques, exceeding international regulations for noise and environmental pollution.





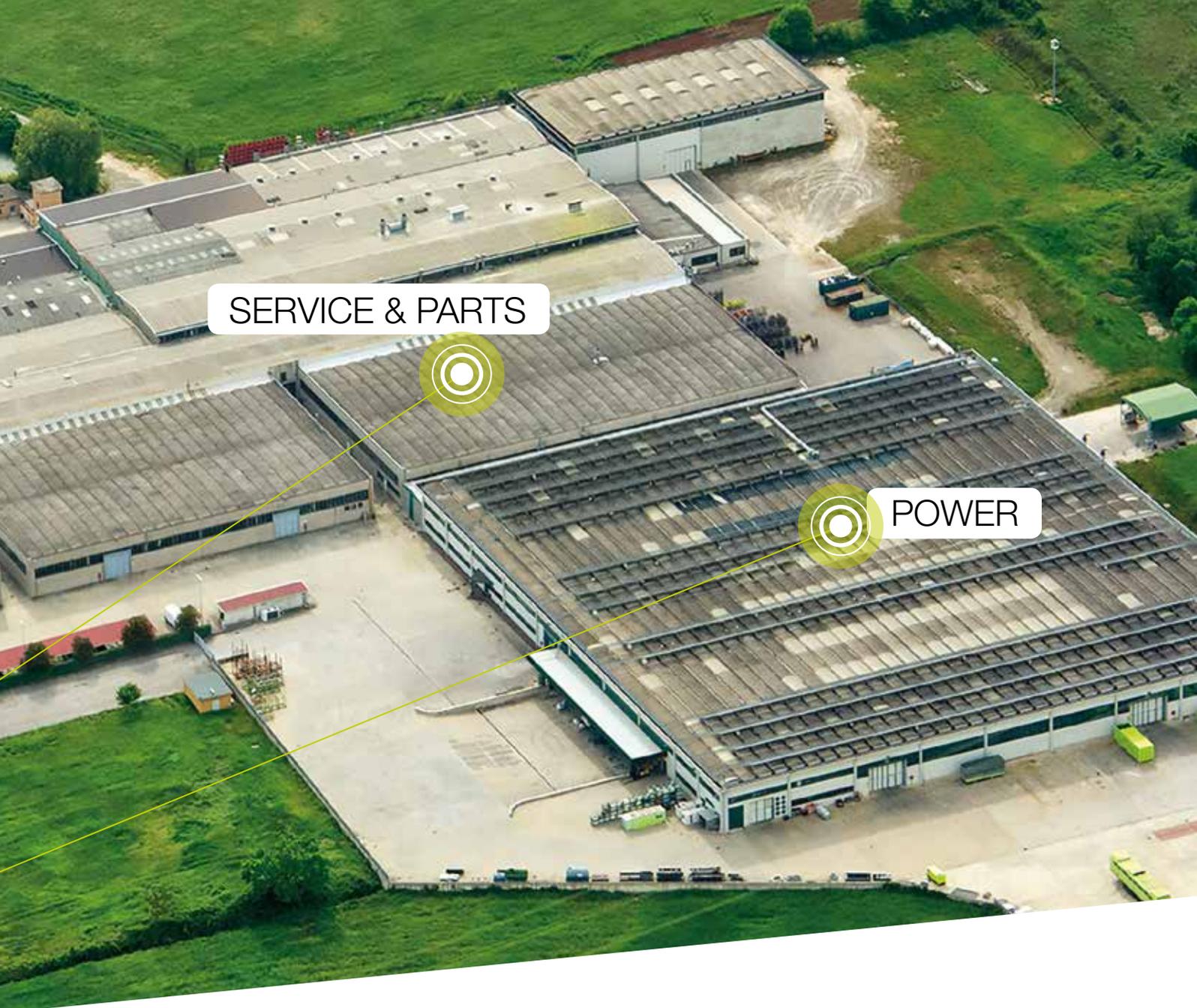
MATERIAL
HANDLING
EQUIPMENT

PRAMAC
RACING
TEAM

BUSINESS AREAS

Pramac

PRAMAC GROUP operates through a proprietary distribution network of several branches providing global coverage. PRAMAC can trace its roots back to 1966, when the Campinoti family started a construction equipment business company focused mainly in the Italian market. From then onwards PRAMAC has been expanding its activity in the energy and material handling sector, continuously growing globally with a wide and flexible product range to satisfy our customers' needs around the world.



SERVICE & PARTS

POWER

Power

In the field of power generation PRAMAC offers solutions for every kind of power supply demand: from the portable to the industrial power supply either for stand by and prime power applications.

PRAMAC not only designs, manufactures and installs a complete range of portable and stationary generators from one to 3360 kVA as standard production, but can also provide tailored solutions that can be adapted to every specific requirement.

Product range



SERIES	PETROL	DIESEL	LPG	PAGE
Generators				
E-MES Series	√	√	-	p. 6
ES Series	√	-	-	p. 8
X Series	√	-	-	p. 10
PX Series	√	-	-	p. 12
LP Series	-	-	√	p. 16
S Series	√	√	-	p. 18
P Series	√	√	-	p. 22
P Inverter Series	√	-	-	p. 28
PTO Generator				
TG Series	-	-	-	p. 30
Welders				
W Series	√	-	-	p. 32
Motor Pumps				
MP Series	√	-	-	p. 34
Pressure Washers				
PW Series	√	√	-	p. 36
Lighting Equipment				
Light Globes	-	-	-	p. 38
Light Tower	-	-	-	p. 39

Icons



Noise Compliant



IP 54 Protection



Light Weight



11L Tank Capacity



18L Tank Capacity



19L Tank Capacity



24L Tank Capacity



25,5L Tank Capacity



26,5L Tank Capacity



No Assembly



Soundproof



Inverter Technology



Analogic Instrumentation



Digital Instrumentation



Digital Display



Automatic Voltage Regulation



Protection Oil Guard



Portability



Diesel Fuel



Petrol Fuel



Lpg Fuel

How to select the right portable generators?

- Identify all the items you want to power at the same time
- Total the Watts for all the items ($\text{Amps} \times \text{Volts} = \text{Watts}$)
- Note that electric engines require substantially more Watts (2 to 3 times more) for starting
- Choose a Pramac generator that exceeds the total starting Watts

E-MES Series

Light compact generators with a basic configuration and very easy to transport: the best balance between price and performance for the professional use.



Optional



PETROL



DIESEL

PROPERTIES ADVANTAGES



Robust protective tubular frame (roll bar)



Easy access for inspection and maintenance



- Compact design
- Easy to transport



- Easy to use
- Start plug and work

OPTIONALS



Extra protection with:

- differential protection 30mA
- circuit breaker
- hourmeter
- ASCOFDIFF (supplement)



Manual transfer switch 40A (for manual control versions 230V)



Transportation kit with fixed handles



Transportation kit with height-adjustable folding handles

ES Series

Compact generators with long run tank and a basic configuration. The perfect economic solution when you need a long lasting professional power supply.



Optional



PETROL

PROPERTIES ADVANTAGES



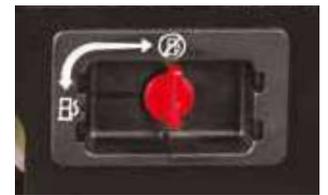
Protective carter made of sheet steel



Compact design
Easy to use and transport



Big fuel integrated tank (11L)
for an increased autonomy



Reachable fuel tap

OPTIONALS



Extra protection with:

- differential protection 30mA
- circuit breaker
- hourmeter
- ASCOFDIFF (supplement)



Manual transfer switch 40A
(for manual control versions
230V)



Transportation kit with fixed
handles



Transportation kit with
height-adjustable folding
handles

ES SERIES PETROL						
GENERATING SET	ES 3000	ES 4000	ES 5000	ES 8000	ES 5000	ES 8000
POWER SUPPLY	SINGLE PHASE				THREE PHASE	
POWER THREE PHASE						
STAND BY POWER LTP kW / kVA	-	-	-	-	5,0 / 6,3	6,6 / 8,3
CONTINUOUS POWER COP kW / kVA	-	-	-	-	4,3 / 5,4	5,6 / 7,0
POWER SINGLE PHASE						
STAND BY POWER LTP kW / kVA	2,6 / 2,9	3,1 / 3,4	4,6 / 5,1	6,4 / 7,2	3,4 / 3,8	3,6 / 4,0
CONTINUOUS POWER COP kW / kVA	2,2 / 2,5	2,6 / 2,9	3,9 / 4,2	5,5 / 6,0	3,2 / 3,5	3,3 / 3,7
POWER SPECIFICATIONS						
VOLTAGE Volt	230	230	230	230	400 / 230	400 / 230
FREQUENCY Hz	50	50	50	50	50	50
POWER FACTOR cos Φ	0,9	0,9	0,9	0,9	0,8 / 0,9	0,8 / 0,9
ENGINE						
BRAND	Honda	Honda	Honda	Honda	Honda	Honda
MODEL	GX160	GX200	GX270	GX390	GX270	GX390
FUEL	Petrol	Petrol	Petrol	Petrol	Petrol	Petrol
DISPLACEMENT cc	163	196	270	389	270	389
SPEED rpm	3000	3000	3000	3000	3000	3000
CYLINDER	1 inclined	1 inclined	1 inclined	1 inclined	1 inclined	1 inclined
COOLING SYSTEM	Air	Air	Air	Air	Air	Air
STARTING SYSTEM	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil
CONSUMPTION						
FUEL CONSUMPTION at 75% of load L/h	0,88	1,18	1,67	2,14	1,66	2,15
FUEL TANK CAPACITY L	11	11	11	11	11	11
RUNNING TIME at 75% of load h	12,5	9,32	6,59	5,14	6,63	5,12
NOISE EMISSION						
NOISE PRESSURE LEVEL at 7 mt db(A)	68	67	69	69	69	69
GUARANTEED SOUND POWER LEVEL LWA db(A)	96	95	97	97	97	97
DIMENSION AND WEIGHT						
LENGTH mm	623	623	729	729	729	729
WIDTH mm	409	409	500	500	500	500
HEIGHT mm	500	500	536	536	536	536
WEIGHT (DRY) kg	41	43	61	73	75	81
STANDARD EQUIPMENTS **						
FUEL TANK MATERIAL	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
SOCKETS	2 x 230V Schuko 16A IP54		1 x 230V Schuko 16A IP54		1 x 230V Schuko 16A IP54	
			1 x 230V CEE 16A IP44	1 x 230V CEE 32A IP44	1 x 230V CEE 16A IP44	
					1 x 400V CEE 16A IP44	
PROTECTIONS**						
OIL GUARD	√	√	√	√	√	√
THERMAL PROTECTION	√	√	√	√	√	√
ALTERNATOR PROTECTION IP	23	23	23	23	23	23
OPTIONALS						
DIFFERENTIAL PROTECTION + HOURMETER (ASCODIFF)	s	s	s	s	-	-
AVR - AUTOMATIC VOLTAGE REGULATOR	s	s	s	s	s	s
MTS - MANUAL TRANSFER SWITCH	o	o	o	o	-	-
TRANSPORTATION KIT With fixed handles	o	o	o	o	o	o
TRANSPORTATION KIT With folding handles	o	o	o	o	o	o

- = Not available - o = Accessory available - s = Supplement (version available when ordered) - √ = standard - ** = Other configurations and detailed specifications are available on www.pramac.com

X Series

Combining a robust frame with a fully equipped control panel and a long run tank, these generators are developed for unregulated countries when looking for autonomy and efficiency at a competitive price.



X12000

X5000
X8000

V Hz h

X3000
X5000
X8000



PETROL

X12000



PETROL

X3000

X5000

X8000

PROPERTIES ADVANTAGES



- Ready to use; no tools required
- With integrated wheel and folding handle



Automatic Voltage Regulation (AVR) – as standard - for stabilizing the output voltage



Practical and user-friendly Instruction Guide, located below the control panel



Control panel with CE sockets and 3 functions digital screen available (hourmeter, voltmeter, frequency meter)

OPTIONALS



Manual transfer switch 40A (for manual control versions 230V)



Transportation kit with fixed handles (for X12000)



Transportation kit with height-adjustable folding handles (for X12000)

X SERIES PETROL

GENERATING SET		X 3000				X 5000				X 8000				X 12000																			
		SINGLE PHASE								THREE PHASE																							
POWER SUPPLY		SINGLE PHASE																THREE PHASE															
POWER THREE PHASE																																	
STAND BY POWER LTP	kW / kVA	-								-								11,1 / 13,9															
CONTINUOUS POWER COP	kW / kVA	-								-								9,5 / 11,8															
POWER SINGLE PHASE																																	
STAND BY POWER LTP	kW / kVA	2,3 / 2,6				4,1 / 4,5				6,2 / 6,9				10,7 / 11,9				5,0 / 5,6															
CONTINUOUS POWER COP	kW / kVA	1,8 / 2,0				3,3 / 3,7				5,4 / 5,9				9,1 / 10,0				4,5 / 5,0															
POWER SPECIFICATIONS																																	
VOLTAGE	Volt	230				230				230				230				400 / 230															
FREQUENCY	Hz	50				50				50				50				50															
POWER FACTOR	cos Φ	0,9				0,9				0,9				0,9				0,8 / 0,9															
ENGINE																																	
BRAND		Honda				Honda				Honda				Honda				Honda															
MODEL		GX160				GX270				GX390				GX630				GX630															
FUEL		Petrol				Petrol				Petrol				Petrol				Petrol															
DISPLACEMENT	cc	163				270				389				688				688															
SPEED	rpm	3000				3000				3000				3000				3000															
CYLINDER		1 inclined				1 inclined				1 inclined				2 V angle				2 V angle															
COOLING SYSTEM		Air				Air				Air				Air				Air															
STARTING SYSTEM		Recoil				Recoil				Recoil		Electric (+Recoil)		Electric				Electric															
CONSUMPTION																																	
FUEL CONSUMPTION at 75% of load	L/h	0,88				1,36				2,00				4,23				4,16															
FUEL TANK CAPACITY	L	19				25,5				25,5				24				24															
RUNNING TIME at 75% of load	h	21,02				18,75				12,75				5,67				5,12															
DIMENSION AND WEIGHT																																	
LENGTH	mm	600				727				727				960				960															
WIDTH	mm	439				515				515				638				638															
HEIGHT	mm	588				670				670				655				655															
WEIGHT (DRY)	kg	53				79				94		100		147				151															
STANDARD EQUIPMENTS **																																	
DISPLAY DIGITAL		V - Hz - h				V - Hz - h				V - Hz - h				V - Hz - h				V - Hz - h															
FUEL TANK MATERIAL	Type	Metal				Metal				Metal				Plastic				Plastic															
ANALOG INSTRUMENTS		Fuel gauge				Fuel gauge				Fuel gauge				-				-															
SOCKETS		2 x 230V Schuko 16A IP 54				1 x 230V Schuko 16A IP54				3 x 230V Schuko 16A IP54				3 x 230V Schuko 16A IP54				3 x 230V Schuko 16A IP54															
		1 x 230V CEE 16A IP44				1 x 230V CEE 16A IP44				1 x 230V CEE 16A IP44				1 x 230V CEE 16A IP44				1 x 230V CEE 16A IP44															
		1 x 230V CEE 32A IP44				1 x 230V CEE 32A IP44				1 x 230V CEE 32A IP44				1 x 230V CEE 32A IP44				1 x 400V CEE 16A IP44															
AVR - AUTOMATIC VOLTAGE REGULATOR		√				√				√				-				-															
PROTECTIONS**																																	
OIL GUARD		√				√				√				√				√															
MAGNETO THERMAL PROTECTION		-				-				-				√				√															
THERMAL PROTECTION		√				√				√				√				√															
PROTECTION 12V DC		Fuse 10A				Fuse 10A				Fuse 10A				-				-															
ALTERNATOR PROTECTION	IP	23				23				23				23				23															
OPTIONALS																																	
MTS- MANUAL TRANSFER SWITCH		0				0				0				0				0															
TRANSPORTATION KIT With folding handles		√				√				√				0				0															
TRANSPORTATION KIT With fixed handles		-				-				-				0				0															

-- = Not available - 0 = Accessory available - ** = Other configurations and detailed specifications are available on www.pramac.com - √ = Standard

PX Series

Simple portable generator. Designed to offer a reliable and powerful machine at an attractive price.



Optional



PETROL

PROPERTIES ADVANTAGES



Robust protective tubular frame (roll bar)



Easy access for inspection and maintenance



Compact design, easy to use and transport



- Honda GP engine
- Start plug and work

OPTIONALS



Extra protection with:

- differential protection 30mA
- circuit breaker
- hourmeter
- ASCODIFF (supplement)



Manual transfer switch 40A (for manual control versions 230V)



Transportation kit with fixed handles



Transportation kit with height-adjustable folding handles

PX SERIES PETROL

GENERATING SET		PX 3250	
POWER SUPPLY		SINGLE PHASE	
POWER SINGLE PHASE			
STAND BY POWER LTP	kW / kVA	2,6 / 2,8	
CONTINUOUS POWER COP	kW / kVA	2,2 / 2,3	
POWER SPECIFICATIONS			
VOLTAGE	Volt	230	
FREQUENCY	Hz	50	
POWER FACTOR	cos Φ	0,9	
ENGINE			
BRAND		Honda	
MODEL		GP160	
FUEL		Petrol	
DISPLACEMENT	cc	163	
SPEED	rpm	3000	
CYLINDER		1 inclined	
COOLING SYSTEM		Air	
STARTING SYSTEM		Recoil	
CONSUMPTION			
FUEL CONSUMPTION at 75% of load	L/h	0,88	
FUEL TANK CAPACITY	L	3,1	
RUNNING TIME at 75% of load	h	3,52	
NOISE EMISSION			
NOISE PRESSURE LEVEL at 7 mt	db(A)	67	
GUARANTEED SOUND POWER LEVEL	LWA db(A)	95	
DIMENSION AND WEIGHT			
LENGTH	mm	625	
WIDTH	mm	455	
HEIGHT	mm	455	
WEIGHT (DRY)	kg	38	
STANDARD EQUIPMENTS **			
FUEL TANK MATERIAL		Metal	
SOCKETS		2 x 230V Schuko 16A IP54	
TRANSPORTATION KIT		0	
PROTECTIONS**			
OIL GUARD		√	
THERMAL PROTECTION		√	
ALTERNATOR PROTECTION	IP	23	
OPTIONALS			
MTS- MANUAL TRANSFER SWITCH		0	

SINGLE PHASE

0 = Accessory available - √ standard - **= Other configurations and detailed specifications are available on www.pramac.com

PX Series

Engineered for intensive applications and designed with protective side rails, these generators combine endurance and functionality, being compact, efficient and reliable.



PETROL

PROPERTIES ADVANTAGES



- Ready to use; no tools required
- With integrated wheel and folding handle



Automatic Voltage Regulation (AVR) - as standard - for stabilizing the output voltage



Extractable Instruction Guide, located below the control panel



Control panel with CE sockets and 3 functions digital screen available (hourmeter, voltmeter, frequency meter)

OPTIONALS



Manual transfer switch 40A (for manual control versions 230V)

PX SERIES PETROL				
GENERATING SET	PX 4000	PX 5000	PX 8000	PX 8000
POWER SUPPLY	SINGLE PHASE			THREE PHASE
POWER THREE PHASE				
STAND BY POWER LTP	-	-	-	4,8 / 6,0
CONTINUOUS POWER COP	-	-	-	4,0 / 5,0
POWER SINGLE PHASE				
STAND BY POWER LTP	2,7 / 3,0	3,6 / 4,0	5,4 / 6,0	1,8 / 2,0
CONTINUOUS POWER COP	2,3 / 2,5	2,7 / 3,0	4,5 / 5,0	1,3 / 1,5
POWER SPECIFICATIONS				
VOLTAGE	230	230	230	400 / 230
FREQUENCY	50	50	50	50
POWER FACTOR	0,9	0,9	0,9	0,8 / 0,9
ENGINE				
BRAND	Pramac OHV	Pramac OHV	Pramac OHV	Pramac OHV
MODEL	AP170F	AP188F	AP190F	AP190F
FUEL	Petrol	Petrol	Petrol	Petrol
DISPLACEMENT	cc	208	389	420
SPEED	rpm	3000	3000	3000
CYLINDER	1 inclined	1 inclined	1 inclined	1 inclined
COOLING SYSTEM	Air	Air	Air	Air
STARTING SYSTEM	Recoil	Recoil	Electric (+ Recoil)	Electric (+ Recoil)
CONSUMPTION				
FUEL CONSUMPTION at 75% of load	L/h	0,96	1,44	2
FUEL TANK CAPACITY	L	18,5	25,5	25,5
RUNNING TIME at 75% of load	h	19,27	17,71	12,75
NOISE EMISSION				
NOISE PRESSURE LEVEL at 7 mt	db(A)	68	69	69
GUARANTEED SOUND POWER LEVEL	LWA db(A)	96	97	97
DIMENSION AND WEIGHT (with wheel kit assembled)				
LENGTH	mm	600	727	727
WIDTH	mm	439	515	515
HEIGHT	mm	588	670	670
WEIGHT (DRY)	kg	53	79	94
STANDARD EQUIPMENTS **				
DIGITAL DISPLAY	V - Hz - h	V - Hz - h	V - Hz - h	V - Hz - h
FUEL TANK MATERIAL	Metal	Metal	Metal	Metal
ANALOG INSTRUMENTS	Fuel gauge	Fuel gauge	Fuel gauge	Fuel gauge
SOCKETS	2 x 230V Schuko 16A IP54	1 x 230V CEE 16A IP44	1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 230V CEE 32A IP44	1 x 230V Schuko 16A IP54 1 x 230V CEE 16A IP44 1 x 400V CEE 16A IP44
AVR - Automatic Voltage Regulator	√	√	√	√
TRANSPORTATION KIT	√	√	√	√
PROTECTIONS**				
OIL GUARD	√	√	√	√
THERMAL PROTECTION	√	√	√	√
ALTERNATOR PROTECTION	IP	23	23	23
OPTIONALS				
MTS- MANUAL TRANSFER SWITCH	0	0	0	-

- = Not available - o = Accessory available - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

LP Series

Price affordable solution maximizing portability and ease of use, the LP is a liquid propane-fueled portable generator suitable for plenty of applications such as market walking, camping, worksite and home emergency power.



LIQUID PROPANE GAS

PROPERTIES ADVANTAGES



Easily adaptable to every standard gas cylinder LPG up to 300 mm diameter, the LP generator works connected to a LPG tank or directly with the public net *



Extra filled cylinders can be stored without deterioration, so you can have extras on hand for emergencies. No fuel stabilizers are required



Control panel with CE sockets and 3 functions digital screen available (hourmeter, voltmeter, frequency meter)



Cylinders are usually readily available even during emergencies. They are commonly used by millions of power gas grills among other items

OPTIONALS



Practical belt to fit cylinders of lower dimensions



Manual transfer switch 40A (for manual control versions 230V)

* LPG or butane gas only. No natural gas

LP SERIES LPG		
GENERATING SET	LP 3200	LP 6200
POWER SUPPLY	SINGLE PHASE	SINGLE PHASE
POWER		
STAND BY POWER LTP	3,0 / 3,3	6,2 / 6,9
CONTINUOUS POWER COP	2,5 / 2,7	5,8 / 6,5
POWER SPECIFICATIONS		
VOLTAGE	230	230
FREQUENCY	50	50
POWER FACTOR	0,9	0,9
ENGINE		
BRAND	Pramac	Pramac
MODEL	DJ170F	DJ190F
FUEL	Liquid Propane Gas	Liquid Propane Gas
DISPLACEMENT	208	420
SPEED	3000	3000
CYLINDER	1 inclined	1 inclined
COOLING SYSTEM	Air	Air
STARTING SYSTEM	Recoil	Electric / Recoil
CONSUMPTION		
FUEL LPG CONSUMPTION at 75% of load	1	2,1
NOISE EMISSION		
NOISE PRESSURE LEVEL at 7 mt	66	*
GUARANTEED SOUND POWER LEVEL	94	*
DIMENSION AND WEIGHT (whit wheel mounted)		
LENGTH	718	815
WIDTH	586	655
HEIGHT	939	1085
WEIGHT (DRY)	58	98
STANDARD EQUIPMENTS **		
DIGITAL DISPLAY	V - Hz - h	V - Hz - h
SOCKETS	2 x Schuko 230V IP44	2 x Schuko 230V IP44 1 x CEE 230V 32A IP44
TRANSPORTATION KIT	√	√
AVR - AUTOMATIC VOLTAGE REGULATOR	√	√
PROTECTIONS**		
OIL GUARD	√	√
THERMAL MAGNETIC PROTECTION	1	1
ALTERNATOR PROTECTION	23	23
OPTIONALS		
MTS- MANUAL TRANSFER SWITCH	0	0

SINGLE PHASE

0 = Accessory available - * = Equipment only for stationary installations - ** = Other configurations and detailed specifications are available on www.pramac.com - √ standard

S Series

Premium professional machine with high quality components, these multi-configuration generators are equipped with digital display and a complete sockets set, giving you the possibility of adding differential or isolated protection to ensure your safety at work.



PETROL

PROPERTIES ADVANTAGES



One side working area; no need for the operator to move around the generator



Very compact design, easy to move and store



Integrated wheel kit with foam grip handle



Digital display with frequency, volt and hourmeter. CONNector for electric version and differential or isometer protection as option

OPTIONALS



Practical and user-friendly Instruction Guide



Metal fuel tank with 26,5 L capacity and fuel gauge



Automatic Mains Failure (AMF) panel and Remote Start/Stop



RSS Remote start/stop wireless for versions with CONNector (max open distance 90m)

S SERIES PETROL

GENERATING SET	S 5000		S 8000		S 5000		S 8000			
	SINGLE PHASE				THREE PHASE					
POWER SUPPLY										
POWER THREE PHASE										
STAND BY POWER LTP	kW / kVA		-	-	5,0 / 6,3		6,6 / 8,3			
CONTINUOUS POWER COP	kW / kVA		-	-	4,3 / 5,4		5,6 / 7,0			
POWER SINGLE PHASE										
STAND BY POWER LTP	kW / kVA		4,8 / 5,3		6,4 / 7,2		3,4 / 3,8			
CONTINUOUS POWER COP	kW / kVA		3,9 / 4,2		5,5 / 6,0		3,1 / 3,5			
POWER SPECIFICATIONS										
VOLTAGE	Volt		230		230		400 / 230			
FREQUENCY	Hz		50		50		50			
POWER FACTOR	cos Φ		0,9		0,9		0,8 / 0,9			
ENGINE										
BRAND			Honda		Honda		Honda			
MODEL			GX270		GX390		GX270			
FUEL			Petrol		Petrol		Petrol			
DISPLACEMENT	cc		270		389		270			
SPEED	rpm		3000		3000		3000			
CYLINDER			1 inclined		1 inclined		1 inclined			
COOLING SYSTEM			Air		Air		Air			
STARTING SYSTEM			Recoil	Electric (+Recoil)	Recoil	Electric (+Recoil)	Recoil	Electric (+Recoil)		
CONSUMPTION										
FUEL CONSUMPTION at 75% of load	L/h		1,67		2,14		1,66			
FUEL TANK CAPACITY	L		26,5		26,5		26,5			
RUNNING TIME at 75% of load	h		15,87		12,38		15,96			
NOISE EMISSION										
NOISE PRESSURE LEVEL at 7 mt	db(A)		69		69		69			
GUARANTEED SOUND POWER LEVEL	LWA db(A)		97		97		97			
DIMENSION AND WEIGHT (whit wheel mounted)										
LENGTH	mm		840		840		840			
WIDTH	mm		615		615		615			
HEIGHT	mm		753		753		753			
WEIGHT (DRY)	kg		83	89	91	97	86	97		
STANDARD EQUIPMENTS **										
DIGITAL DISPLAY			V - Hz - h		V - Hz - h		V - Hz - h			
FUEL TANK MATERIAL			Metal		Metal		Metal			
ANALOG INSTRUMENTS			Fuel gauge		Fuel gauge		Fuel gauge			
SOCKETS			1 x 230V Schuko 16A IP54				1 x 230V Schuko 16A IP54			
			1 x 230V CEE 16A IP44		1 x 230V CEE 16A IP44		1 x 230V CEE 16A IP44			
			1 x 230V CEE 32A IP44		1 x 230V CEE 32A IP44		1 x 400V CEE 16A IP44			
			12V DC 10A		12V DC 10A		12V DC 10A			
BATTERY CHARGER			-	√	-	√	-	√		
CONNector for AMF/RSS			-	√	-	√	-	√		
TRANSPORTATION KIT			√		√		√			
PROTECTIONS**										
OIL GUARD			√		√		√			
MAGNETO THERMAL PROTECTION			s		s		√			
THERMAL PROTECTION			√		√		-			
PROTECTION 12V DC			Fuse 10A		Fuse 10A		Fuse 10A			
ALTERNATOR PROTECTION	IP		23		23		23			
OPTIONALS										
AVR - AUTOMATIC VOLTAGE REGULATOR			s		s		s			
DIFFERENTIAL PROTECTION	DPP		s		s		s			
ISOMETER PROTECTION	IPP		s		s		s			
AMF - AUTOMATIC CONTROL PANEL (CONN)			-	o	-	o	-	o		
RSS - REMOTE START / STOP (CONN)			-	o	-	o	-	o		
MTS- MANUAL TRANSFER SWITCH			o		o		-			

- = Not available - o = Accessory available - s = Supplement (version available when ordered) - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

S Series

Designed to ensure safety and reliability even in the most delicate situations, this range offers a robust package with a modern and economical fuel efficient diesel engine, showing the excellence of PRAMAC's professional equipment.



Optional

S6000
S6500
S15000
(S9000 analogic)



DIESEL

PROPERTIES ADVANTAGES



Protective carter made of sheet steel



Tubular frame with integrated battery box



Big fuel integrated tank for an increased autonomy (24L)



Reachable fuel tap

OPTIONALS



Automatic Mains Failure (AMF) panel



RSS Remote start/stop wireless for versions with CONNector (max open distance 90m)



Transportation kit with height-adjustable folding handles



Full range of customized control panels available. For all the possible configurations, visit www.pramac.com

S SERIES DIESEL

GENERATING SET	S 6500			S 9000			S 15000					
	SINGLE PHASE											
POWER SUPPLY	THREE PHASE											
POWER THREE PHASE												
STAND BY POWER LTP	kW / kVA			5,5 / 6,9			8,2 / 10,3			12,3 / 15,4		
CONTINUOUS POWER COP	kW / kVA			4,5 / 5,6			7,0 / 8,8			11,7 / 14,6		
POWER SINGLE PHASE												
STAND BY POWER LTP	kW / kVA			5,3 / 5,9			7,9 / 8,8			12,2 / 13,6		
CONTINUOUS POWER COP	kW / kVA			4,4 / 4,8			6,8 / 7,6			11,5 / 12,8		
POWER SPECIFICATIONS												
VOLTAGE	Volt			230			230			230		
FREQUENCY	Hz			50			50			50		
POWER FACTOR	cos Φ			0,9			0,9			0,9		
ENGINE												
BRAND	Yanmar			Lombardini			Lombardini			Lombardini		
MODEL	L100N			25LD330			12LD477			12LD477		
FUEL	Diesel			Diesel			Diesel			Diesel		
DISPLACEMENT	cc			435			654			954		
SPEED	rpm			3000			3000			3000		
CYLINDER	1 vertical			2 in line			2 in line			2 in line		
COOLING SYSTEM	Air			Air			Air			Air		
STARTING SYSTEM	Electric (+Recoil)			Electric			Electric			Electric (+Recoil)		
CONSUMPTION												
FUEL CONSUMPTION at 75% of load	L/h			1,46			2,17			2,79		
FUEL TANK CAPACITY	L			24			24			24		
RUNNING TIME at 75% of load	h			16,44			11,06			8,6		
DIMENSION AND WEIGHT												
LENGTH	mm			840			960			960		
WIDTH	mm			641			641			641		
HEIGHT	mm			696			667			807		
WEIGHT (DRY)	kg			114			157			193		
STANDARD EQUIPMENTS **												
DIGITAL DISPLAY	V - Hz - h			-			V - Hz - h			V - Hz - h		
ANALOG INSTRUMENTS	-			-			-			Voltmeter		
FUEL TANK MATERIAL	Plastic			Plastic			Plastic			Plastic		
SOCKETS	1 x 230V Schuko 16A IP54			3 x 230V Schuko 16A IP54			1 x 230V Schuko 16A IP54			3 x 230V Schuko 16A IP54		
	1 x 230V CEE 16A IP44			1 x 230V CEE 32A IP44			1 x 230V CEE 16A IP44			2 x 230V CEE 16A IP44		
	1 x 230V CEE 32A IP44			-			1 x 230V CEE 32A IP44			1 x 400V CEE 16A IP44		
	12V DC 10A			-			-			12V DC 10A		
	√			-			-			√		
	√			-			-			√		
	√			√			√			√		
	Fuse 10A			-			-			Fuse 10A		
	23			23			23			23		
OPTIONALS												
AMF - AUTOMATIC CONTROL PANEL (CONN)	0			-			-			0		
RSS - REMOTE START / STOP (CONN)	0			-			-			0		
MTS- MANUAL TRANSFER SWITCH	0			0			0			-		
TRANSPORTATION KIT With fixed handles	0			0			0			0		
TRANSPORTATION KIT With folding handles	0			0			0			0		

- = Not available - o = Accessory available - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

P Series

Air-cooled generators engineered to give you the best performance with low noise levels. Available both in diesel and petrol version.



P6000
P9000
P12000

P6000
P9000
P12000

only on
P4500

Optional
Standard
P9000



PETROL

P12000

DIESEL

P6000

P9000



DIESEL

P4500

PROPERTIES ADVANTAGES



Prewired CONNector for remote control



Robust protective frame with integrated battery box



Protection oil guard: low oil shutdown system



Digital Display (Voltmeter, Frequency meter, hourmeter) available on P6000, P9000, P12000

OPTIONALS



Automatic Mains Failure (AMF) panel



Remote Start/Stop (RSS) wireless for versions with CONNector (max open distance 90m)



Manual transfer switch 40A (for manual control versions 230V)



Transportation kit with folding handles

P SERIES DIESEL

GENERATING SET	P 4500			P 6000			P 9000		
	SINGLE PHASE			SINGLE PHASE			THREE PHASE		
POWER SUPPLY									
POWER THREE PHASE									
STAND BY POWER LTP	kW / kVA			-			-		
CONTINUOUS POWER COP	kW / kVA			-			-		
POWER SINGLE PHASE									
STAND BY POWER LTP	kW / kVA			3,7 / 4,1			5,3 / 5,9		
CONTINUOUS POWER COP	kW / kVA			3,1 / 3,5			4,3 / 4,8		
POWER SPECIFICATIONS									
VOLTAGE	Volt			230			230		
FREQUENCY	Hz			50			50		
POWER FACTOR	cos Φ			0,9			0,9		
ENGINE									
BRAND	Yanmar			Yanmar			Lombardini		
MODEL	L70N			L100N			25LD330		
FUEL	Diesel			Diesel			Diesel		
DISPLACEMENT	cc			320			435		
SPEED	rpm			3000			3000		
CYLINDER	1 vertical			1 vertical			2 in line		
COOLING SYSTEM	Air			Air			Air		
STARTING SYSTEM	Recoil			Electr. (+ Recoil)			Electric		
CONSUMPTION									
FUEL CONSUMPTION at 75% of load	L/h			0,93			1,45		
FUEL TANK CAPACITY	L			18,0			24,0		
RUNNING TIME at 75% of load	h			19,35			16,55		
NOISE EMISSION									
NOISE PRESSURE LEVEL at 7 mt	db(A)			68			65		
GUARANTEED SOUND POWER LEVEL	LWA db(A)			96			93		
DIMENSION AND WEIGHT									
LENGTH	mm			800			990		
WIDTH	mm			520			602		
HEIGHT	mm			690			826		
WEIGHT (DRY)	kg			94			99		
STANDARD EQUIPMENTS **									
DIGITAL DISPLAY	-			V - Hz- h			V - Hz- h		
ANALOG INSTRUMENTS	-			-			-		
FUEL TANK MATERIAL	-			-			-		
SOCKETS	-			-			-		
AVR - AUTOMATIC VOLTAGE REGULATOR	-			-			-		
CONNector for AMF/RSS	-			-			-		
PROTECTIONS**									
OIL GUARD	-			-			-		
MAGNETO THERMAL PROTECTION	-			-			-		
THERMAL PROTECTION	-			-			-		
DIFFERENTIAL PROTECTION	DPP			-			-		
ALTERNATOR PROTECTION	IP			23			23		
OPTIONALS									
AMF - AUTOMATIC CONTROL PANEL (CONN)	-			0			0		
RSS - REMOTE START / STOP (CONN)	-			0			0		
MTS- MANUAL TRANSFER SWITCH	-			0			0		
TRANSPORTATION KIT With fixed handles	-			0			0		
TRANSPORTATION KIT With folding handles	-			0			0		

P SERIES PETROL

GENERATING SET	P 12000			P 12000		
	SINGLE PHASE			THREE PHASE		
POWER SUPPLY						
POWER THREE PHASE						
STAND BY POWER LTP	kW / kVA			-		
CONTINUOUS POWER COP	kW / kVA			11,1 / 13,9		
POWER SINGLE PHASE						
STAND BY POWER LTP	kW / kVA			10,7 / 11,9		
CONTINUOUS POWER COP	kW / kVA			9,1 / 10,0		
POWER SPECIFICATIONS						
VOLTAGE	Volt			400 / 230		
FREQUENCY	Hz			50		
POWER FACTOR	cos Φ			0,9		
ENGINE						
BRAND	Honda			Honda		
MODEL	GX630			GX630		
FUEL	Petrol			Petrol		
DISPLACEMENT	cc			688		
SPEED	rpm			3000		
CYLINDER	2 V angle			2 V angle		
COOLING SYSTEM	Air			Air		
STARTING SYSTEM	Electric			Electric		
CONSUMPTION						
FUEL CONSUMPTION at 75% of load	L/h			4,23		
FUEL TANK CAPACITY	L			24,0		
RUNNING TIME at 75% of load	h			5,67		
NOISE EMISSION						
NOISE PRESSURE LEVEL at 7 mt	db(A)			61		
GUARANTEED SOUND POWER LEVEL	LWA db(A)			89		
DIMENSION AND WEIGHT						
LENGTH	mm			990		
WIDTH	mm			602		
HEIGHT	mm			826		
WEIGHT (DRY)	kg			188		
STANDARD EQUIPMENTS **						
DIGITAL DISPLAY	-			V - Hz- h		
ANALOG INSTRUMENTS	-			-		
FUEL TANK MATERIAL	-			-		
SOCKETS	-			-		
AVR - AUTOMATIC VOLTAGE REGULATOR	-			-		
CONNector for AMF/RSS	-			-		
PROTECTIONS**						
OIL GUARD	-			-		
MAGNETO THERMAL PROTECTION	-			-		
THERMAL PROTECTION	-			-		
DIFFERENTIAL PROTECTION	DPP			-		
ALTERNATOR PROTECTION	IP			23		
OPTIONALS						
AMF - AUTOMATIC CONTROL PANEL (CONN)	-			0		
RSS - REMOTE START / STOP (CONN)	-			0		
MTS- MANUAL TRANSFER SWITCH	-			0		
TRANSPORTATION KIT With fixed handles	-			0		
TRANSPORTATION KIT With folding handles	-			0		

- = Not available - o = Accessory available - s = Supplement (version available when ordered) - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

P Series

Super silent air-cooled generators engineered to give you the best performance meeting the lowest noise levels.



DIESEL

PROPERTIES ADVANTAGES



High-level noise suppression, (noise tested in our own dedicated semi anechoic chamber)



Fully equipped control panel with sockets and CONNector (prewired for remote control RSS or AMF)



Protection oil guard: low oil shutdown system



Engine protection unit: High engine temperature; Low oil pressure; Low Fuel Level; Battery Charger alternator failure

OPTIONALS



Visual fuel level indicator and lateral fuel refilling (no need to open the generator)



Automatic Mains Failure (AMF) panel



Remote Start/Stop (RSS) wireless for versions with CONNector (max open distance 90m)



Transportation kit with folding handles

P SERIES DIESEL

GENERATING SET	P 6000 s	
	SINGLE PHASE	THREE PHASE
POWER SUPPLY		
POWER THREE PHASE		
STAND BY POWER LTP	kW / kVA	5,5 / 6,9
CONTINUOUS POWER COP	kW / kVA	4,5 / 5,6
POWER SINGLE PHASE		
STAND BY POWER LTP	kW / kVA	2,9 / 3,2
CONTINUOUS POWER COP	kW / kVA	2,7 / 3,0
POWER SPECIFICATIONS		
VOLTAGE	Volt	400 / 230
FREQUENCY	Hz	50,00
POWER FACTOR	cos Φ	0,8 / 0,9
ENGINE		
BRAND	Yanmar	Yanmar
MODEL	L100N	L100N
FUEL	Diesel	Diesel
DISPLACEMENT	cc	435
SPEED	rpm	3000
CYLINDER	1 vertical	1 vertical
COOLING SYSTEM	Air	Air
STARTING SYSTEM	Electric	Electric
CONSUMPTION		
FUEL CONSUMPTION at 75% of load	L/h	1,46
FUEL TANK CAPACITY	L	19
RUNNING TIME at 75% of load	h	13,01
NOISE EMISSION		
NOISE PRESSURE LEVEL at 7 mt	db(A)	56
GUARANTEED SOUND POWER LEVEL	LWA db(A)	84
DIMENSION AND WEIGHT		
LENGTH	mm	970
WIDTH	mm	580
HEIGHT	mm	927
WEIGHT (DRY)	kg	203
STANDARD EQUIPMENTS **		
ANALOG INSTRUMENTS	Voltmeter	Voltmeter
FUEL TANK MATERIAL	Plastic	Plastic
SOCKETS	1 x 230V Schuko 16A IP54 1 x CEE 230V 16A IP44 1 x CEE 230V 32A IP44	1 x 230V Schuko 16A IP54 1 x CEE 230V 16A IP44 1 x CEE 400V 16A IP44
CONNector for AMF/RSS	√	√
PROTECTIONS**		
ENGINE PROTECTION UNIT	√	√
- OIL GUARD	√	√
- HIGH ENGINE TEMPERATURE	√	√
- LOW FUEL LEVEL	√	√
- BATTERY CHARGER ALTERNATOR FAILURE	√	√
MAGNETO THERMAL PROTECTION	√	√
THERMAL PROTECTION	√	√
DIFFERENTIAL PROTECTION	DPP	√
ALTERNATOR PROTECTION	IP	23
OPTIONALS		
AMF - AUTOMATIC CONTROL PANEL (CONN)	0	0
RSS - REMOTE START / STOP (CONN)	0	0
MTS- MANUAL TRANSFER SWITCH	0	-
TRANSPORTATION KIT With folding handles	0	0

- = Not available - 0 = Accessory available - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

P Series

Air-cooled and water-cooled generators engineered to give you the best performance meeting the lowest noise levels. Designed to be easily moved especially in construction yards.



DIESEL

P12000



DIESEL

P11000

PROPERTIES ADVANTAGES



Complete control panel with isometer. For other configurations and detailed specifications visit: www.pramac.com



Three phase versions with power selector DELTA STAR (P11000 / P12000 Hatz)



Canopy can be easily opened for inspection and maintenance operations (P11000)



Canopy can be easily opened for inspection and maintenance operations (P12000)

OPTIONALS



Automatic Mains Failure (AMF) panel



Coolant pre-heating system (PHS)



Transportation kit for construction site with strong handles and reinforced wheels (Standard on P12000 Hatz)



Transportation kit for construction site with strong handles and reinforced wheels (Optional on P11000)



Remote Start/Stop (RSS) wireless for versions with CONNector (max open distance 90m)

P SERIES DIESEL

GENERATING SET	P 11000		P 11000		P 12000	
	SINGLE PHASE		THREE PHASE		THREE PHASE	
POWER SUPPLY						
POWER THREE PHASE						
STAND BY POWER LTP	kW / kVA	-	8,6 / 10,8		12,6 / 15,8	
CONTINUOUS POWER COP	kW / kVA	-	8,0 / 10,0		9,6 / 12,0	
POWER SINGLE PHASE						
STAND BY POWER LTP	kW / kVA	9,7 / 10,8	5,9 / 6,6*		8,2 / 9,1*	
CONTINUOUS POWER COP	kW / kVA	9,0 / 10,0	5,4 / 6,0*		7,7 / 8,5*	
POWER SPECIFICATIONS						
VOLTAGE	Volt	230	400 / 230		400 / 230	
FREQUENCY	Hz	50	50		50	
POWER FACTOR	cos Φ	0,9	0,8/0,9		0,8/0,9	
ENGINE						
BRAND		Yanmar	Yanmar		Hatz	
MODEL		3TNV70-HGE	3TNV70-HGE		2G40	
FUEL		Diesel	Diesel		Diesel	
DISPLACEMENT	cc	854	854		997	
SPEED	rpm	3000	3000		3000	
CYLINDER		3 in line	3 in line		2 in line	
COOLING SYSTEM		Water	Water		Air	
STARTING SYSTEM		Electric	Electric		Electric	
CONSUMPTION						
FUEL CONSUMPTION at 75% of load	L/h	3,05	2,65		2,74	
FUEL TANK CAPACITY	L	24	24		17	
RUNNING TIME at 75% of load	h	7,87	9,06		6,2	
NOISE EMISSION						
NOISE PRESSURE LEVEL at 7 mt	db(A)	68	68		69	
GUARANTEED SOUND POWER LEVEL	LWA db(A)	96	96		97	
DIMENSION AND WEIGHT						
LENGTH	mm	1400	1400		1270	
WIDTH	mm	650	650		610	
HEIGHT	mm	975	975		816	
WEIGHT (DRY)	kg	325	325		275	
STANDARD EQUIPMENTS **						
ANALOG INSTRUMENTS		Voltmeter	Voltmeter		Voltmeter	
		Hourmeter	Hourmeter		Hourmeter	
FUEL TANK MATERIAL		Plastic	Plastic		Plastic	
POWER SELECTOR DELTA STAR		-	√*		√*	
SOCKETS		2 x CEE 230V 16A IP44 1 x CEE 230V 32A IP44	1 x CEE 230V 16A IP44 1 x CEE 230V 32A IP44 1 x CEE 400V 16A IP44		1 x CEE 230V 16A IP44 1 x CEE 230V 32A IP44 1 x CEE 400V 16A IP44	
CONNector for AMF/RSS		-	-		s	
PROTECTIONS**						
OIL GUARD		√	√		Lamp alert	
HIGH ENGINE TEMPERATURE		√	√		-	
MAGNETO THERMAL PROTECTION		√	√		√	
THERMAL PROTECTION		√	√		√	
ISOMETER PROTECTION	IPP	√	√		√	
ALTERNATOR PROTECTION	IP	23	23		23	
OPTIONALS						
AMF - AUTOMATIC CONTROL PANEL		s	s		s	
PHS - COOLANT PRE-HEATING SYSTEM		s (only for AMF)	s (only for AMF)		-	
RSS - REMOTE START / STOP (CONN)		-	-		s	
MTS- MANUAL TRANSFER SWITCH		o	-		-	
TRANSPORTATION KIT		o	o		√	

- = Not available - o = Accessory available - s = Supplement (version available when ordered) - √ standard - * = Power 230V available with commutator DELTA STAR
 ** = Other configurations and detailed specifications are available on www.pramac.com

P Inverter Series

When your target is to provide clean and stable power for sensitive electronics, the P Inverter Series is a top performer: easy to carry, fuel efficient and with low-noise level.



PETROL

P3000i
P4500i



PETROL

P2000i



PROPERTIES ADVANTAGES



Electronic inverter technology ideal for applications requiring low noise and a high-quality, stable voltage



Auto power save for adjusting the motor speed according to the power required by the load. Reduced consumption. Low noise level



Control panel complete with command controls, instrumentation and service outlets. P2000i provided with parallel kit



Lightweight and compact, easily transportable by handles or four wheels

OPTIONALS



Easy to handle and transport



Yamaha MZ80 engine (P2000i)



- Robin-Subaru engine EX17 (P3000i)
- Robin-Subaru engine EX27 (P4500i)



Manual transfer switch 40A (for manual control versions 230V)

P SERIES INVERTER PETROL				
INVERTER		P 2000 i	P 3000 i	P 4500 i
POWER SUPPLY		SINGLE PHASE		
POWER SINGLE PHASE				
STAND BY POWER LTP	kW / kVA	2,0 / 2,0	2,8 / 2,8	4,3 / 4,3
CONTINUOUS POWER COP	kW / kVA	1,6 / 1,6	2,5 / 2,5	3,8 / 3,8
POWER SPECIFICATIONS				
VOLTAGE	Volt	230	230	230
FREQUENCY	Hz	50	50	50
POWER FACTOR	cos Φ	1	1	1
ENGINE				
BRAND		Yamaha	Robin-Subaru	Robin-Subaru
MODEL		MZ80	EX17	EX27
FUEL		Petrol	Petrol	Petrol
DISPLACEMENT	cc	79	169	265
SPEED	rpm	Variable	Variable	Variable
CYLINDER		1 vertical	1 inclined	1 inclined
COOLING SYSTEM		Air	Air	Air
STARTING SYSTEM		Recoil	Recoil	Electric
CONSUMPTION				
FUEL CONSUMPTION at 75% of load	L/h	0,79	1,25	1,66
FUEL TANK CAPACITY	L	4,2	10,8	12,8
RUNNING TIME at 75% of load	h	5,3	8,6	7,7
NOISE EMISSION				
NOISE PRESSURE LEVEL at 7 mt	db(A)	59	58	62
GUARANTEED SOUND POWER LEVEL	LWA db(A)	91	90	93
DIMENSION AND WEIGHT				
LENGTH	mm	498	537	580
WIDTH	mm	289	482	527
HEIGHT	mm	461	583	618
WEIGHT (DRY)	kg	22	54	74
STANDARD EQUIPMENTS **				
VOLTAGE REGULATION		Inverter	Inverter	Inverter
AUTO POWER SAVE		√	√	√
PARALLEL KIT		√	-	-
DIGITAL DISPLAY		-	V - Hz - h	V - Hz - h
FUEL TANK MATERIAL		Plastic	Metal	Metal
FUEL GAUGE		-	√	√
PILOT LAMP		√	-	-
SOCKETS		1 x 230V Schuko 16A IP54	2 x 230V Schuko 16A IP54	2 x 230V Schuko 16A IP54
BATTERY CHARGER		12V DC 8A	12V DC 8,3A	12V DC 8,3A
WHEELS AND HANDLES		-	√	√
PROTECTIONS**				
OIL GUARD		√	√	√
OVERLOAD		√	√	√
SHORT CIRCUIT		√	√	√
OVERSPEED SHUTDOWN		√	√	√
OVERTEMPERATURE		√	√	√
ALTERNATOR PROTECTION	IP	23	23	23
OPTIONALS				
MTS- MANUAL TRANSFER SWITCH		o	o	o

- = Not available - o = Accessory available - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

TG Series

PTO generators are a safe and versatile power source able to generate low cost efficient power for any kind of agricultural use.



PROPERTIES ADVANTAGES



Easy and secure coupling



Control panel: Voltmeter, Frequency meter and sockets



PTO drive shaft holder for easy and safety coupling



Differential and thermomagnetic protection

VERSIONS



IP 23 Version - sturdy protective tubular frame (roll bar)



IP 23 Version - universal joint with protective cap



IP 44 Version - complete with RTE module (min and max V or Hz protection)



IP 44 Version - supplement with protection against solid objects larger than 1 mm and against liquid penetration

		TG SERIES										
PTO SHAFT GENERATORS		TG12/3	TG16/3	TG20/3	TG25/3	TG25/15	TG27/15	TG30/15	TG42/15	TG48/15	TG62/15	TG72/15
POWER THREE PHASE												
CONTINUOUS POWER COP	kVA	12,0	16,0	20,0	25,0	25,0	27,0	30,0	42,0	48,0	62,0	72,0
POWER SINGLE PHASE												
CONTINUOUS POWER COP	kVA	6,0	8,0	10,0	12,0	10,0	11,0	12,0	14,7	16,7	21,6	25,2
POWER SPECIFICATIONS												
VOLTAGE	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
FREQUENCY	Hz	50	50	50	50	50	50	50	50	50	50	50
POWER FACTOR	cos Φ	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0	0,8/1,0
GEAR BOX REVOLUTION	rpm	3000	3000	3000	3000	1500	1500	1500	1500	1500	1500	1500
POWER (TRACTOR)	kW/HP	22/30	29/40	37/50	44/60	44/60	48/65	51/70	74/100	88/120	103/140	118/160
REVOLUTION PTO SHAFT	rpm	435	435	435	435	430	430	430	395	395	395	395
VOLTAGE REGULATION SYSTEM	Type	Compound	Compound	Compound	Compound	AVR	AVR	AVR	AVR	AVR	AVR	AVR
VOLTAGE ACCURACY	%	5	5	5	5	1,5	1,5	1,5	0,5	0,5	0,5	0,5
DIMENSION AND WEIGHT												
LENGTH	mm	746	746	958	958	958	958	958	1110	1110	1110	1110
WIDTH	mm	580	580	645	645	645	645	645	720	720	720	720
HEIGHT	mm	958	958	1003	1003	1003	1003	1003	1322	1322	1322	1322
WEIGHT (DRY)	kg	110	121	148	154	199	201	213	355	360	399	440
STANDARD EQUIPMENTS **												
THERMOMAGNETIC PROTECTION		√	√	√	√	√	√	√	√	√	√	√
DIFFERENTIAL PROTECTION		√	√	√	√	√	√	√	√	√	√	√
VOLTMETER		√	√	√	√	√	√	√	√	√	√	√
FREQUENCY METER		√	√	√	√	√	√	√	√	√	√	√
SOCKETS		1 x 230V Schuko 16A										
		1x 230V CEE 16A	1x 230V CEE 32A	1x 230V CEE 32A	1x 230V CEE 32A	1x 400V CEE 32A	1x 400V CEE 32A					
		1x 400V CEE 16A	1x 400V CEE 32A	1x 400V CEE 32A	1x 400V CEE 32A	1x 400V CEE 63A	1x 400V CEE 125A	1x 400V CEE 125A				
ALTERNATOR & SOCKET PROTECTION												
SOCKET PROTECTION		IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
ALTERNATOR PROTECTION		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
OPTIONS												
AVAILABLE VERSION IP44*		s	s	s	s	s	-	s	s	s	s	s

s = Supplement (version available when ordered) - √ standard - * = In the IP44 version, the power is reduced by 10% - ** = Other configurations and detailed specifications are available on www.pramac.com

W Series

Welder generators specifically designed for small repairs, or for more advanced applications. Up to 220A you can use rutile, basic or cellulosic electrode up to 5mm diameter.



Optional

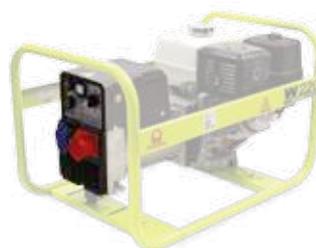


PETROL

PROPERTIES ADVANTAGES



Different types of plugs available for welders



Fully equipped control panel for welder and genset

OPTIONALS



Transportation kit with fixed handles



Transportation kit with height-adjustable folding handles



Complete welding kit: mask, gloves, brush, box for electrodes, light glasses 90x110 mm (5x), dark glass, welding wire 35 mm² - 5m- with plug dia. 13mm, ground wire 35 mm² - 5m- with plug dia. 13mm

W SERIES PETROL

WELDER GENERATOR		W 220
WELDER PARAMETERS		
WELDING CURRENT	A	40 / 220
MIN/MAX WELDING VOLTAGE	V	21,6 / 28,8
WELDING SERVICE at 60%	A	170
MAX DIAMETER OF ELECTRODE		
RUTILE	mm	5
BASIC	mm	5
CELLULOSE	mm	5
POWER GENERATOR		
VOLTAGE	V	400 / 230
FREQUENCY	Hz	50
POWER THREE PHASE		
STAND BY POWER LTP	kW / kVA	5,5 / 6,1
CONTINUOUS POWER COP	kVA	5,2
POWER SINGLE PHASE		
STAND BY POWER LTP	kW / kVA	2,4 / 2,7
CONTINUOUS POWER COP	kVA	2,3
ENGINE		
BRAND		Honda
MODEL		GX390
FUEL		Petrol
DISPLACEMENT	cc	389
SPEED	rpm	3000
COOLING SYSTEM		Air
STARTING SYSTEM		Recoil
CONSUMPTION		
FUEL CONSUMPTION at 75% of load	L/h	2,2
FUEL TANK CAPACITY	L	6,1
FUEL TANK MATERIAL		Metal
RUNNING TIME at 75% of load	h	2,8
NOISE EMISSION		
NOISE PRESSURE LEVEL at 7 mt	db(A)	72
GUARANTEED SOUND POWER LEVEL	LWA db(A)	97
DIMENSION AND WEIGHT		
LENGTH	mm	875
WIDTH	mm	620
HEIGHT	mm	600
WEIGHT (DRY)	kg	80
STANDARD EQUIPMENTS**		
SOCKETS		2 x welding socket 1 x 230V Schuko 16A 1 x 230V CEE 16A 1 x 400V CEE 16A
ALTERNATOR AND SOCKET PROTECTION		
ALTERNATOR PROTECTION	IP	23
SOCKET PROTECTION	IP	44
OPTIONALS		
WELDING KIT		0
TRANSPORTATION KIT With fixed handles		0
TRANSPORTATION KIT With folding handles		0

** = Other configurations and detailed specifications are available on www.pramac.com - 0 = Accessory available

MP Series

Whenever it is necessary to move large quantities of water, facing a flood or simply filling a pond, these petrol powered pumps are your perfect ally.



PETROL

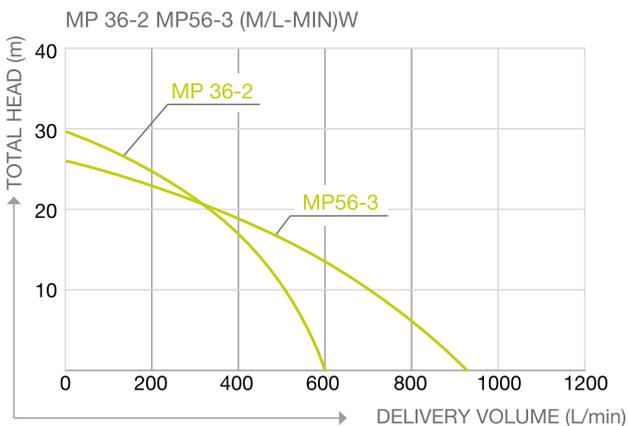
PROPERTIES ADVANTAGES



Standard equipment



- Durable like trash pump (for sandy and muddy water)
- Compact and light like clear water pump



OPTIONALS



Inlet, Outlet Pipes

MP SERIES PETROL			
MOTOR PUMPS		MP 36-2	MP 56-3
PUMP			
TYPE		Semitrash	Semitrash
MAX DELIVERY HEAD	m	30	26
FLOW	L/min	600	930
SPEED	rpm	3600	3600
INPUT/OUTPUT DIAMETER	inch	2	3
ENGINE			
BRAND		Honda	Honda
MODEL		GX120	GX160
FUEL		Petrol	Petrol
DISPLACEMENT	cc	118	163
COOLING SYSTEM		Air	Air
STARTING SYSTEM		Recoil	Recoil
CONSUMPTION			
FUEL CONSUMPTION at 75% of load	L/h	1,0	1,4
FUEL TANK CAPACITY	L	2	3,1
RUNNING TIME at 75% of load	h	2,0	2,2
NOISE EMISSION			
NOISE PRESSURE LEVEL at 7 mt	db(A)	78	80
GUARANTEED SOUND POWER LEVEL	LWA db(A)	103	105
DIMENSION AND WEIGHT			
LENGTH	mm	470	477
WIDTH	mm	365	416
HEIGHT	mm	390	466
WEIGHT (DRY)	kg	26	28
STANDARD EQUIPMENTS **			
OIL GUARD SYSTEM		√	√
FUEL TANK MATERIAL		Metal	Metal
HOSE BAND	n°	3	3
COUPLINGS SET	n°	2	2
FILTER	n°	1	1
SPARK PLUG TOOL		√	√
OPTIONALS			
INLET PIPES 2" or 3" LENGTH 8/25m		0	0
OUTLET PIPE 2" or 3" LENGTH 10/50/100m		0	0

o = Accessory available - √ standard - ** = Other configurations and detailed specifications are available on www.pramac.com

PW Series

Petrol and diesel driven cold water high pressure washers designed to meet your professional and recreational demands.



PW 240

PW 3000

PW 240



PETROL
DIESEL



PROPERTIES ADVANTAGES



First-class equipment easy to mount, designed with high grade materials



Pressure regulator knob
PW 3000 with electric start
key



User-friendly and robust high
pressure washers, studied to
assure high quality control of
our appliances



Transportation kit

PW SERIES PETROL

HIGH PRESSURE WASHERS

PUMP	
MAX PRESSURE	bar
MAX PRESSURE	psi
FLOW	L/min
SPEED	rpm
TYPE	
ENGINE	
BRAND	
MODEL	
FUEL	
DISPLACEMENT	cc
CYLINDER	
COOLING SYSTEM	
STARTING SYSTEM	
CONSUMPTION	
FUEL CONSUMPTION at 75% of load	L/h
FUEL TANK CAPACITY	L
RUNNING TIME at 75% of load	h
NOISE EMISSION	
NOISE PRESSURE LEVEL at 7 mt	db(A)
GUARANTEED SOUND POWER LEVEL	LWA db(A)
DIMENSION AND WEIGHT	
LENGTH	mm
WIDTH	mm
HEIGHT	mm
WEIGHT (DRY)	kg
STANDARD EQUIPMENTS	
TRANSPORTATION KIT	
OIL GUARD	
FUEL TANK MATERIAL	
PRESSURE REGULATING VALVE	
LANCE PRESSURE WASHER	Type
PRESSURE HOSE	m
SUCTION TUBE	m
SUCTION FILTER	
FLEXIBLE PIPE CLEANER	m
DETERGENT SUCTION FILTER	

PW 240

	240
	3500
	13
	3400
	DIRECT DRIVE
	Honda
	GX390
	Petrol
	389
	1 inclined
	Air
	Recoil
	2,0
	6,1
	3,0
	78
	103
	951
	765
	655
	64
	√
	√
	Metal
	√
	DOUBLE LANCE
	9
	2
	√
	1
	√

PW SERIES DIESEL

HIGH PRESSURE WASHERS

PUMP	
MAX PRESSURE	bar
MAX PRESSURE	psi
FLOW	L/min
SPEED	rpm
TYPE	
ENGINE	
BRAND	
MODEL	
FUEL	
DISPLACEMENT	cc
CYLINDER	
COOLING SYSTEM	
STARTING SYSTEM	
CONSUMPTION	
FUEL CONSUMPTION at 75% of load	L/h
FUEL TANK CAPACITY	L
RUNNING TIME at 75% of load	h
NOISE EMISSION	
NOISE PRESSURE LEVEL at 7 mt	db(A)
GUARANTEED SOUND POWER LEVEL	LWA db(A)
DIMENSION AND WEIGHT	
LENGTH	mm
WIDTH	mm
HEIGHT	mm
WEIGHT (DRY)	kg
STANDARD EQUIPMENTS	
TRANSPORTATION KIT	
FUEL TANK MATERIAL	
PRESSURE REGULATING VALVE	
LANCE PRESSURE WASHER	Type
PRESSURE HOSE	m
SUCTION TUBE	m
SUCTION FILTER	
FLEXIBLE PIPE CLEANER	m
DETERGENT SUCTION FILTER	

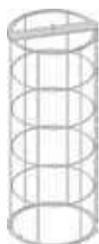
PW 3000

	200
	2900
	15
	1450
	GEAR BOX 2:1
	Yanmar
	L100N
	Diesel
	435
	1 vertical
	Air
	Electric
	1,45
	5,5
	3,8
	83
	108
	1040
	590
	790
	117
	√
	Metal
	√
	DOUBLE LANCE
	9
	2
	√
	1
	√

LIGHT Globes

PRAMAC Light Globes are the perfect solution when looking for fast high-powered light: nylon balloons automatically inflating with air in few minutes, easy to use, install and transport.

PROPERTIES ADVANTAGES



Protection grid



Transportation case

LIGHT GLOBE		750 H	2.0 H	1.0 HIT
GLOBE DIAMETER	cm	55	110	110
LIT UP AREA	m ²	310	1500	3000
LUMEN		11400	54000	80000
VOLTAGE/FREQUENCY	V / Hz	230 / 50	230 / 50	230 / 50
MAST		√	Optional	Optional
PROTECTION	IP	54	54	54
LAMP	W / Type	750W Halogen	2000W Halogen	1000 W HIT
MAX WIND SPEED	km/h	30	100	100
MAX HEIGHT	m	2,8	5*	5*
OPERATION TEMPERATURE	°C	-25 / +45	-25 / +45	-25 / +45
WEIGHT	kg	5	10	20

* = With optional mast tripod 5m - √ standard



LIGHTING Accessories

LIGHT TOWER FOR PORTABLE

The PORTABLE LIGHTING towers are designed to be assembled with our portable generators* and are an indispensable and multipurpose tool to operate on any kind of surface. Versatile, practical, lightweight, these accessories are equipped with 4000W lamps power and 4,2 meters high telescopic mast with pneumatic lifting.

PROPERTIES ADVANTAGES



Quick open/close system for legs



Mast support and four rings for lifting

LIGHT TOWER

LIGHT TOWER for portable *		500W x 4	1000W x 4
LAMPS	W x n°	500 x 4	1000 x 4
LIT UP AREA	m2	700	1500
LUMEN		38000	88000
VOLTAGE/FREQUENCY	V / Hz	230 / 50	230 / 50
ELEVATION	Type	Pneumatic	Pneumatic
PROTECTION	IP	65	65
LAMP	Type	Halogen	Halogen
LAMP AUTONOMY	hours	2000	2000
MAX HEIGHT	m	4,2	4,2
OPERATION TEMPERATURE	°C	-5 / +45	-5 / +45
WEIGHT	kg	9	15

* compatible with the following product series: ES, S Diesel, S/SP 12000

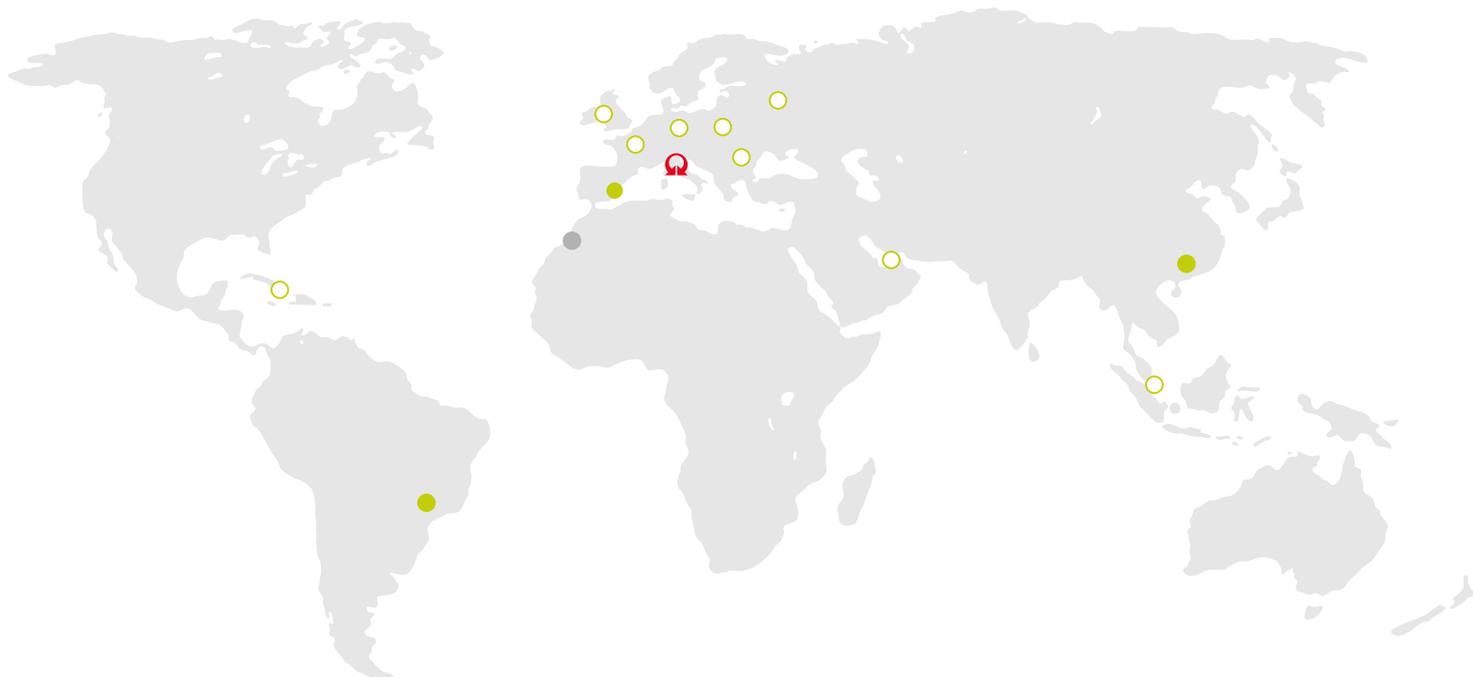




CARRELLO KIT
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Pramac worldwide

From Italy, worldwide. Our service through a global network to be closer to you.
For further information: www.pramac.com - www.pramacparts.com



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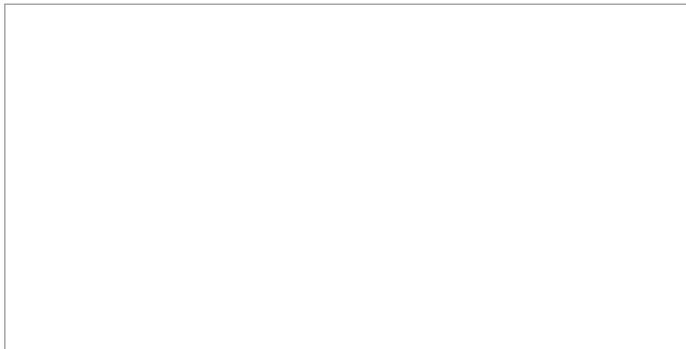
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