

# **mase** **GENERATORS**



**MPL 10 I-SY**  
**MPL 16 I-SY**  
**MPL 23 I-SY**



**MPL 33 I-SY**  
**MPL 50 I-SY**

## **SMART RANGE** **FROM 11KVA TO 44KVA** **YANMAR ENGINES**



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**THREE-PHASE POWER GENERATORS / SYNCHRONOUS ALTERNATORS / SILENCED VERSIONS / DIESEL ENGINES 1500 RPM**

AC Generators 50Hz	Model	MPL 10 I-SY	MPL 16 I-SY	MPL 23 I-SY	MPL 33 I-SY	MPL 50 I-SY
	Three-phase power (LTP)	11kVA - 400V	17kVA - 400V	20kVA - 400V	30kVA - 400V	44kVA - 400V
	Three-phase power (PRP)	10kVA - 400V	15,3kVA - 400V	18kVA - 400V	27kVA - 400V	39,6kVA - 400V
	Single-phase power (max.)	3,6kVA - 230V	5,6kVA - 230V	6,6kVA - 230V	10kVA - 230V	14,6kVA - 230V
	Power factor	cos φ 0,8				

  

Diesel Engine 1500 rpm	Model	MPL 10 I-SY	MPL 16 I-SY	MPL 23 I-SY	MPL 33 I-SY	MPL 50 I-SY
	Type	Yanmar 3TNV76 3 cylinders 1116 cm <sup>3</sup>	Yanmar 3TNV88 3 cylinders 1642 cm <sup>3</sup>	Yanmar 4TNV88 4 cylinders 2190 cm <sup>3</sup>	Yanmar 4TNV98 4 cylinders 3319 cm <sup>3</sup>	Yanmar 4TNV98T turbocharged 4 cyl - 3319 cm <sup>3</sup>
	Max. power	12,1 hp (9 kWm)	18,1 hp (13,5 kWm)	24,1 hp (18 kWm)	46,1 hp (34,4 kWm)	55,9 hp (41,7 kWm)
	Starting system	electric (12Vdc)				
	Cooling system	water				
	Fuel consumption @ 75%	2 l/h	2,7 l/h	3,5 l/h	6,4 l/h	8,1 l/h

  

Noise Level	Model	MPL 10 I-SY	MPL 16 I-SY	MPL 23 I-SY	MPL 33 I-SY	MPL 50 I-SY
	Lwa	89 (64 dB at 7 m)	90 (65 dB at 7 m)	93 (68 dB at 7 m)	95 (70 dB at 7 m)	

  

Dry Weight	Model	MPL 10 I-SY	MPL 16 I-SY	MPL 23 I-SY	MPL 33 I-SY	MPL 50 I-SY
	kg	395	445	475	690	735

**Power output**
**(MPL 10 I-SY \_ MPL 16 I-SY \_ MPL 23 I-SY)**

+ 1 x 32A, 400V - three-phase EEC socket  
+ 1 x 32A, 230V - single-phase EEC socket

**Power output (MPL 33 I-SY \_ MPL 50 I-SY)**

+ 1 x 63A, 400V - three-phase EEC socket  
+ 1 x 32A, 400V - three-phase EEC socket  
+ 1 x 32A, 230V - single-phase EEC socket  
+ 1 x 16A, 230V - single-phase EEC socket

**Dimensions**
**(MPL 10 I-SY \_ MPL 16 I-SY \_ MPL 23 I-SY)**

+ (L x W x H): 1650 x 700 x 980 mm

**Dimensions (MPL 33 I-SY \_ MPL 50 I-SY)**

+ (L x W x H): 1900 x 910 x 1100 mm

**Standard Features**

- + Auto engine protection shutdown system with warning lights in case of:
  - battery charger failure
  - low fuel level
  - low oil pressure
  - high water temperature
- + Automatic voltage regulator (MPL33I-SY and MPL50I-SY only)
- + 12V built-in battery
- + Hourmeter
- + Voltmeter
- + Emergency stop button
- + Fuel level visual indicator
- + Foreseen for AMF-ATS or Remote control operation
- + Earth leakage circuit breaker
- + Power output protection
- + Engine oil drain pipe
- + Central lifting eye

**Other Features**

- + Insulation Class: H
- + Ambient temperature: 40 °C (\*)
- + Altitude: 1000 m (\*)
- + Mechanical Protection: IP 23
- + Fuel tank capacity: 40 l

**Gen Set Options (available as factory options)**

- + Versions with different voltages
- + 60Hz version
- + Spark arrester muffler
- + Automatic voltage regulator (MPL 10 I-SY, MPL 16 I-SY, MPL 23 I-SY only)

**Accessories on Request**

- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20 m)
- + Two-wheels site tow undercarriage (GRT2W)

(\*) - For altitude and temperature values higher than those listed above, please consult the manufacturer to verify the available power.

In line with our continued development, innovation and voice of customer program, we reserve the right to change data without notice.