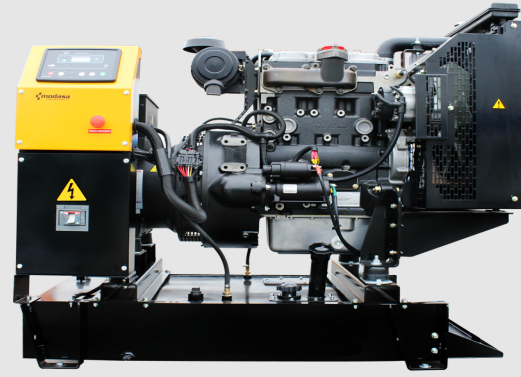


MODEL	POWER		VOLTAGE	FREQUENCY	POWER FACTOR	CURRENT
	PRIME	STAND BY				
MP-28E	26 Kw/33 KVA	28 Kw/35 KVA	208V	60Hz	0.8	97 A
MP-28E	26 Kw/33 KVA	28 Kw/35 KVA	440V	60Hz	0.8	46 A
MP-28E	26 Kw/33 KVA	28 Kw/35 KVA	480V	60Hz	0.8	42 A



SILENT GENERATOR SET



OPEN GENERATOR SET

* Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

Specifications

Generator Set

Model	MP-28E	
Engine	PERKINS 404D-22TG Tier 4 interim	
Alternator	STAMFORD SOL2-P1	
Control Panel	Electronic	
Phases	Three-phase	
Fuel Tank	Open: 27 Gallons / Silent: 49 Gallons	
Electric System	12V.	
Frequency	60Hz	50Hz
Cooling Fan Air flow	56 m3/min	47 m3/min
Combustion Air flow	2.49 m3/min	2.08 m3/min
Exhaust Gas flow	7.50 m3/min	6.25 m3/min
Exhaust Gas temperature	530°C	490°C

Silent Genset Noise Level @ 7m	Maximum	Ambient
	66 +/- 2 dBA	54 dBA

Engine

Number of Cylinders	4 in-line
Governor Type	Electronic
Cycle	4-Stroke
Aspiration	Turbocharger
Fuel	Diesel
Combustion System	Indirect Injection
Cooling Method	Water Cooled
Bore	84.00 mm
Stroke	100.00 mm
Displacement	2216cc
Compression Ratio	23.3:1
Lubrication Sys. Capacity	10.60 liters
Cooling Sys. Capacity	9.32 liters

Fuel Consumption

Engine Speed	1800 RPM	1500 RPM
	l/hr	l/hr
Standby Power (2)	9.30	8.30
Prime Power (1)	8.30	7.10
75% Prime Power (1)	6.20	5.00
50% Prime Power (1)	4.30	3.50

Alternator

Insulation System	Class "H"
Exciter Type	Self exciter
Voltage Regulation Card	AS540 ± 1.0%
Protection Class	IP 23

Technical Standards

Engine :	ISO 3046, BS 5514, DIN 6271
Alternator :	IEC EN 60034, BS 5000, IEC 34
	VDE 0530, NEMA MG1-32
	CSAC22, 2-100, ASI 1359
Generator Set :	ISO 8528, ISO 9001:2015

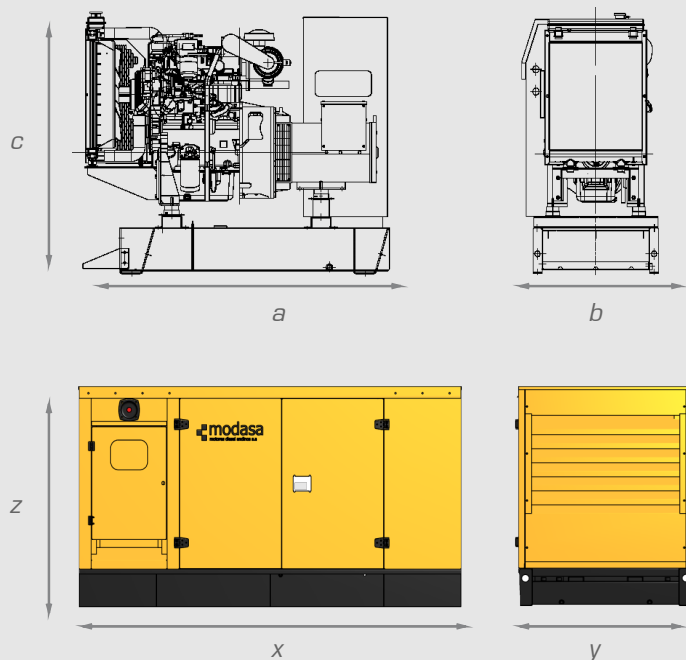
(1) Prime Power: Available power under variable load for unlimited hours per year (ISO8528-1). Allows 10% power surge for one hour, every 12 hours.

(2) Standby Power: Available power under variable load, whenever the commercial network breaks down. Does not accept surges (ISO8528-3);

(3) it has 500 hours usage limit per year or 300 continuous hours instead.

Dimensions

Dimensions and Weight	a	b	c	Weight	Exh. Ø
	1433 mm	764 mm	1270 mm	630 Kg	2"
	x	y	z	Weight	Exh. Ø
	2260 mm	1089 mm	1469 mm	850 Kg	3"



Control Panel



Outfitted with the most recent age electronic digital control panel, it allows starting, controlling, protecting and stopping the generator set in manual and automatic modes. Performs automatic transfer.

Measurements shown with alpha-numeric characters on the digital display:

- Voltage of the three phases L - L y L - N.
- Current of the three phases L1, L2, L3.
- Frequency.
- Rotation speed.
- Battery voltage.
- Working time.
- Oil pressure.
- Cooling temperature.

Optional Enhancements

- Residential muffler. (included in Silent Genset)
- Monoblock water heater.
- Alternator dehumidifying resistance.
- Automatic transfer board.
- Variety of voltages.
- Remote speed/voltage potentiometer.
- Fuel level electric meter.

Protection:

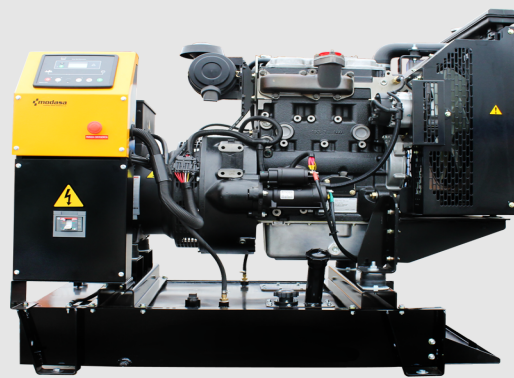
- Starter failure.
- Stop failure.
- Low oil pressure.
- High engine temperature.
- Low / High frequency.
- Low / High generator voltage.
- Low / High battery voltage.
- Emergency stop.
- Overload failure.
- CAN Diagnosis.

M: Modasa / P: PERKINS Engine / 28: Genset Power Reference / Q: 50 Hz 1500 RPM / I: Silent / M: Single-phase / E: EPA Tier

MODEL	POWER		VOLTAGE	FREQUENCY	POWER FACTOR	CURRENT
	PRIME	STAND BY				
MP-28EM	25 Kw/25 KVA	27.1 Kw/27.1 KVA	240V	60Hz	1.0	113 A



SILENT GENERATOR SET



OPEN GENERATOR SET

* Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

Specifications

Generator Set

Model	MP-28EM	
Engine	PERKINS 404D-22TG Tier 4 interim	
Alternator	STAMFORD S1L2-J1	
Control Panel	Electronic	
Phases	Single-phase	
Fuel Tank	Open: 27 Gallons / Silent: 49 Gallons	
Electric System	12V.	
Frequency	60Hz	50Hz
Cooling Fan Air flow	56 m3/min	47 m3/min
Combustion Air flow	2.49 m3/min	2.08 m3/min
Exhaust Gas flow	7.50 m3/min	6.25 m3/min
Exhaust Gas temperature	530°C	490°C

Silent Genset Noise Level @ 7m	Maximum	Ambient
	66 +/- 2 dBA	54 dBA

Engine

Number of Cylinders	4 in-line
Governor Type	Electronic
Cycle	4-Stroke
Aspiration	Turbocharger
Fuel	Diesel
Combustion System	Indirect Injection
Cooling Method	Water Cooled
Bore	84.00 mm
Stroke	100.00 mm
Displacement	2216cc
Compression Ratio	23.3:1
Lubrication Sys. Capacity	10.60 liters
Cooling Sys. Capacity	9.32 liters

Fuel Consumption

Engine Speed	1800 RPM l/hr	1500 RPM l/hr
Standby Power (2)	9.30	8.30
Prime Power (1)	8.30	7.10
75% Prime Power (1)	6.20	5.00
50% Prime Power (1)	4.30	3.50

Alternator

Insulation System	Class "H"
Exciter Type	Self exciter
Voltage Regulation Card	AS540 ± 1.0%
Protection Class	IP 23

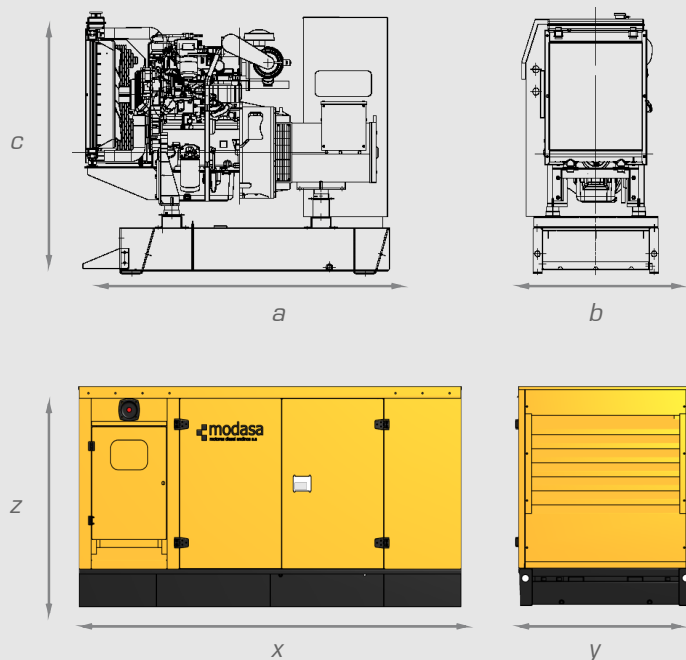
Technical Standards

Engine :	ISO 3046, BS 5514, DIN 6271
Alternator :	IEC EN 60034, BS 5000, IEC 34 VDE 0530, NEMA MG1-32 CSAC22, 2-100, ASI 1359
Generator Set :	ISO 8528, ISO 9001:2015

- (1) Prime Power: Available power under variable load for unlimited hours per year (ISO8528-1). Allows 10% power surge for one hour, every 12 hours.
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Dimensions

Dimensions and Weight	a	b	c	Weight	Exh. Ø
	1433 mm	764 mm	1270 mm	666 Kg	2"
	x	y	z	Weight	Exh. Ø
	2260 mm	1089 mm	1469 mm	886 Kg	3"



Control Panel



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