

MODEL	POWER		VOLTAGE		POWER	CLIDDENIT
	PRIME	STAND BY	VULTAGE	FREQUENCY	FACTOR	CURRENT
UQMP-10	8 Kw / 8 KVA	9 Kw / 9 KVA	240V	60Hz	1.0	38 A





SILENT GENERATOR SET

OPEN GENERATOR SET

Specifications

Generator Set

Model UQMP-10

EnginePERKINS 403D-11G Tier 4 interimAlternatorSTAMFORD SOL1-L1

Alternator STAMFORD SOL1-L1
Control Panel Flectronic

Control Panel Electronic
Phases Single-phase

Fuel Tank Open: 11 Gallons / Silent: 25 Gallons

Electric System 12V.

Frequency60Hz50HzCooling Fan Air flow35 m3/min26 m3/minCombustion Air flow0.9 m3/min0.7 m3/minExhaust Gas flow2.4 m3/min1.8 m3/minExhaust Gas temperature $515^{\circ}C$ $420^{\circ}C$

Silent Genset	Maximum	Ambient	
Noise Level @ 7m	65 +/- 2 dBA	56 dBA	

Engine

Number of Cylinders	3 in-line
Governor Type	Mechanical
Cycle	4-Stroke
Aspiration	Naturally aspirated
Fuel	Diesel
Combustion System	Indirect Injection
Cooling Method	Water Cooled
Bore	77.0 mm
Stroke	81.0 mm
Displacement	1131cc
Compression Ratio	23:1
Lubrication Sys. Capacity	4.9 liters
Cooling Sys. Capacity	5.2 liters

Fuel Consumption					
Engine Speed	1800 RPM I/hr	1500 RPM I/hr			
Stand-by Power (2)	3.6	2.9			
Prime Power (1)	3.0	2.6			
75% Prime Power (1)	2.3	2.0			
50% Prime Power (1)	1.7	1.5			

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

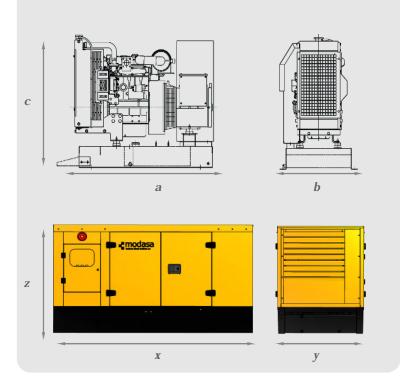




^{*} Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

Dimensions

	a	b	C	Weight	Exh. Ø
Dimensions	1395 mm	664 mm	1018 mm	340 Kg	2"
and Weight	X	<u>,y</u>	Z	Weight	Exh. Ø
	1760 mm	939 mm	1191 mm	790 Kg	2.5"



Optional Enhancements

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

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.

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 fault.
- CAN diagnosis.

M: Modasa / P: PERKINS Engine / 10: Genset Power Reference / Q: 50 Hz 1500 RPM / I: Silent / M: Single-phase / E: EPA Tier