

# SDMO K12M



## GENERAL SET DATA

ENGINE REF:	KDW1603
ALTERNATOR REF:	KH00404T
STANDARD CONTROL PANEL:	APM303
OPTIONAL CONTROL PANEL:	TELYS/M80

## OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	230
PRIME POWER:	10.7 kVA
STANDBY POWER:	11.8 kVA

## DIMENSIONS

### OPEN MODEL

LENGTH:	1410 mm
WIDTH:	720 mm
HEIGHT:	1020 mm
DRY WEIGHT:	440 Kg
FUEL TANK CAPACITY:	50 L

### CLOSED MODEL

LENGTH:	1750 mm
WIDTH:	775 mm
HEIGHT:	1230 mm
DRY WEIGHT:	610 Kg
FUEL TANK CAPACITY:	50 L
ACOUSTIC PRESSURE AT 1M:	74 dB
ACOUSTIC PRESSURE AT 7M:	61 dB

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## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	KOHLER
MODEL REF:	KDW1603
SPEED:	1500 RPM
POWER PRP:	10.7 kW
POWER LTP:	11.8 kW
NUMBER OF CYLINDERS:	3
DISPLACEMENT:	1.65 L
BORE:	88 mm
STROKE:	90.4 mm
COMPRESSION RATIO:	22
COOLING SYSTEM:	GLYCOL-ETHYLENE
AIR INLET SYSTEM:	ATHMO
OIL CAPACITY:	4.4 L
EXHAUST GAS TEMP:	460 °C
EXHAUST GAS FLOW:	46 L/s

### ALTERNATOR DATA

ALTERNATOR REF:	KH00404T
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	4.9 L/hr
CONSUMPTION AT 75%:	3.7 L/hr
CONSUMPTION AT 50%:	2.7 L/hr

### TERMS & CONDITIONS

PRP : Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. ESP : The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

According to the standard, the nominal power assigned by the genset is given for 25°C Air Intlet Temperature, of a barometric pressure of 100 kPa (100 m A.S.L), and 30 % relative humidity. For particular conditions in your installation, refer to the derating table.