

## SDMO K12



### GENERAL SET DATA

ENGINE REF:	KDW1404
ALTERNATOR REF:	KH00350T
STANDARD CONTROL PANEL:	APM303
OPTIONAL CONTROL PANEL:	TELYS/M80

### OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	10.9 kVA
STANDBY POWER:	12 kVA

### DIMENSIONS

#### OPEN MODEL

LENGTH:	1410 mm
WIDTH:	720 mm
HEIGHT:	1020 mm
DRY WEIGHT:	340 Kg
FUEL TANK CAPACITY:	50 L

#### CLOSED MODEL

LENGTH:	1750 mm
WIDTH:	775 mm
HEIGHT:	1230 mm
DRY WEIGHT:	510 Kg
FUEL TANK CAPACITY:	50 L
ACOUSTIC PRESSURE AT 1M:	67 dB
ACOUSTIC PRESSURE AT 7M:	54 dB

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## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	KOHLER
MODEL REF:	KDW1404
SPEED:	1500 RPM
POWER PRP:	8.7 kW
POWER LTP:	9.6 kW
NUMBER OF CYLINDERS:	4
DISPLACEMENT:	1.37 L
BORE:	75 mm
STROKE:	77.6 mm
COMPRESSION RATIO:	22.8
COOLING SYSTEM:	GLYCOL-ETHYLENE
AIR INLET SYSTEM:	ATHMO
OIL CAPACITY:	3.3 L
EXHAUST GAS TEMP:	443 °C
EXHAUST GAS FLOW:	41.9 L/s

### ALTERNATOR DATA

ALTERNATOR REF:	KH00350T
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	3.3 L/hr
CONSUMPTION AT 75%:	2.5 L/hr
CONSUMPTION AT 50%:	1.8 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.