

# SDMO T12K



## GENERAL SET DATA

ENGINE REF:	S3L2-SD
ALTERNATOR REF:	KH00350T
STANDARD CONTROL PANEL:	APM303
OPTIONAL CONTROL PANEL:	TELYS M80

## OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	10.5 kVA
STANDBY POWER:	11.5 kVA

## DIMENSIONS

### OPEN MODEL

LENGTH:	1405 mm
WIDTH:	715 mm
HEIGHT:	1053 mm
DRY WEIGHT:	387 Kg
FUEL TANK CAPACITY:	50 L

### CLOSED MODEL

LENGTH:	1750 mm
WIDTH:	775 mm
HEIGHT:	1230 mm
DRY WEIGHT:	530 Kg
FUEL TANK CAPACITY:	50 L
ACOUSTIC PRESSURE AT 1M:	71 dB
ACOUSTIC PRESSURE AT 7M:	58 dB

# SDMO T12K

## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	MITSUBISHI
MODEL REF:	S3L2-SD
SPEED:	1500 RPM
POWER PRP:	8.4 kW
POWER LTP:	9.2 kW
NUMBER OF CYLINDERS:	3
DISPLACEMENT:	1.32 L
BORE:	78 mm
STROKE:	92 mm
COMPRESSION RATIO:	22
COOLING SYSTEM:	GLYCOL-ETHYLENE
AIR INLET SYSTEM:	ATHMO
OIL CAPACITY:	4.2 L
EXHAUST GAS TEMP:	400 °C
EXHAUST GAS FLOW:	36.5 L/s

### ALTERNATOR DATA

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

### FUEL

CONSUMPTION AT 100%:	0 L/h
CONSUMPTION AT 75%:	0 L/h
CONSUMPTION AT 50%:	0 L/h

### 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.