

# SDMO D630



## GENERAL SET DATA

ENGINE REF:	DP180LA
ALTERNATOR REF:	KH02712T
STANDARD CONTROL PANEL:	APM403
OPTIONAL CONTROL PANEL:	APM802
	M80/TELYS

## OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	573 kVA
STANDBY POWER:	630 kVA

## DIMENSIONS

### OPEN MODEL

LENGTH:	3470 mm
WIDTH:	1630 mm
HEIGHT:	1970 mm
DRY WEIGHT:	3465 Kg
FUEL TANK CAPACITY:	610 L

### CLOSED MODEL

LENGTH:	5031 mm
WIDTH:	1690 mm
HEIGHT:	2672 mm
DRY WEIGHT:	5146 Kg
FUEL TANK CAPACITY:	610 L
ACOUSTIC PRESSURE AT 1M:	88 dB
ACOUSTIC PRESSURE AT 7M:	78 dB

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## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	DOOSAN
MODEL REF:	DP180LA
SPEED:	1500 RPM
POWER PRP:	458 kW
POWER LTP:	504 kW
NUMBER OF CYLINDERS:	10
DISPLACEMENT:	18.27 L
BORE:	128 mm
STROKE:	142 mm
COMPRESSION RATIO:	15
COOLING SYSTEM:	GLYCOL-ETHYLENE
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	34 L
EXHAUST GAS TEMP:	562 °C
EXHAUST GAS FLOW:	1767 L/s

### ALTERNATOR DATA

ALTERNATOR REF:	KH02712T
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	123.6 L/h
CONSUMPTION AT 75%:	94.2 L/h
CONSUMPTION AT 50%:	64.8 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 Inlet 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.