

# CATERPILLAR C13-450



## GENERAL SET DATA

ENGINE REF:	CAT C13
ALTERNATOR REF:	LC6114C
STANDARD CONTROL PANEL:	EMCP 4.1
OPTIONAL CONTROL PANEL:	N/A

## OUTPUT

FREQUENCY:	50 Hz
VOLTAGE:	400/230
PRIME POWER:	400 kVA
STANDBY POWER:	450 kVA

## DIMENSIONS

### OPEN MODEL

LENGTH:	3800 mm
WIDTH:	1110 mm
HEIGHT:	2156 mm
COMPLETE WEIGHT:	3273 Kg
FUEL TANK CAPACITY:	-

### CLOSED MODEL

LENGTH:	-
WIDTH:	-
HEIGHT:	-
FULL WEIGHT:	-
FUEL TANK CAPACITY:	-
ACOUSTIC PRESSURE AT 1M:	-
ACOUSTIC PRESSURE AT 7M:	-

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## TECHNICAL DATA

### GENERAL ENGINE DATA

MANUFACTURER:	CAT
MODEL REF:	C13
SPEED:	1500 RPM
POWER PRP:	320 kW
POWER LTP:	360 kW
NUMBER OF CYLINDERS:	6
DISPLACEMENT:	12.5 L
BORE:	130 mm
STROKE:	157 mm
COMPRESSION RATIO:	16.3
COOLING SYSTEM:	WATER
AIR INLET SYSTEM:	TURBO
OIL CAPACITY:	-
EXHAUST GAS TEMP:	531.7 °C
EXHAUST GAS FLOW:	70.9 m <sup>3</sup> /min

### ALTERNATOR DATA

ALTERNATOR REF:	LC6114C
INSULATION CLASS:	H
INDICATION OF PROTECTION:	IP23

### FUEL

CONSUMPTION AT 100%:	93.9 L/hr
CONSUMPTION AT 75%:	69.9 L/hr
CONSUMPTION AT 50%:	48 L/hr

### TERMS & CONDITIONS

Applicable Codes and Standards:

AS1359, CSA C22.2 No100-04, UL142,UL489, UL869, UL2200, NFPA37, NFPA70, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22,NEMA MG1-33, 2006/95/EC, 2006/42/EC, 2004/108/EC.