

WP-JC100PXD

JCB · MECCALTE

100

kVA
RATED OUTPUT

Stage V compliant power for sites where emissions are regulated. The after-treatment is built in, so the set runs where older machines cannot.

PRIME POWER

100 kVA

VOLTAGE

400V

PRIME OUTPUT

80 kW

PHASE

3ph

JCB · MECCALTE



JCB 448TAG-112

APPLICATIONS

Construction sites · Urban projects · Low-emission zones · Infrastructure · Events · Rental fleets

TECHNICAL SPECIFICATION

OUTPUT

Prime power	100 kVA / 80 kW
Voltage, frequency, phase	400 V, 50 Hz, 3-phase

ENGINE

Engine	JCB 448TAG-112
Mechanical output	90 kW
Configuration	4 cylinder in-line, 4.8 L
Aspiration and cooling	TCAE
Emission standard	EU Stage V
Starting	12V-150Ah

ALTERNATOR AND CONTROL

Alternator	Meccalte ECP342S 4V
Control	Deep Sea Electronics DSE 7320 / 7420
Outgoing protection	ABB 160A MCCB
Sockets	1x32A, 1x63A at 400 V, 3x32A at 230 V

FUEL AND RUNNING

Consumption at 75 / 100%	15.5 / 21.5 L/h
Fuel tank	310 L
Runtime at 75% load	20 h

ENCLOSURE AND HANDLING

Noise level	75 dB(A) at 7 m
Dimensions (L x W x H)	2900 x 1100 x 2070 mm
Weight	2100 kg
Enclosure	Silent, Galvanised steel, 275 gsm

THE ENGINE

BUILT AROUND THE ENGINE.

JCB 448TAG-112 drives this set: 4.8 litres, 4 cylinders, TCAE.

DISPLACEMENT

4.8 L

CYLINDERS

4

CONSUMPTION

21.5 L/h

ASPIRATION

TCAE

WHERE THIS SITS IN THE RANGE

MODEL	PRIME	OUTPUT	ENGINE	L X W X H	WEIGHT	NOISE
WP-YN6PXD	4.4 kVA	4.4 kW	Yanmar L100V	960 x 580 x 815 mm	209 kg	68 dB(A) at 7 m
WP-YN40PXD	40 kVA	32 kW	Yanmar 4TNV98CT	2100 x 1000 x 1615 mm	1120 kg	75 dB(A) at 7 m
WP-JC60PXD	60 kVA	48 kW	JCB 430TAG-55	2900 x 1100 x 2070 mm	1900 kg	75 dB(A) at 7 m
WP-JC80PXD	80 kVA	64 kW	JCB 448TAG-81	2900 x 1100 x 2070 mm	2000 kg	75 dB(A) at 7 m
WP-JC100PXD	100 kVA	80 kW	JCB 448TAG-112	2900 x 1100 x 2070 mm	2100 kg	75 dB(A) at 7 m
WP-JC120PXD	120 kVA	96 kW	JCB 448TAG-129	2900 x 1100 x 2070 mm	2200 kg	75 dB(A) at 7 m