

# B40 | JCB Battery Box



Please note: The standard unit colour is yellow or white.

## BATTERY OUTPUT

Single Phase output	V	230
Total Storage Capacity	kWh	40
Recommended Nominal Discharge (DOD*)	%	50
Capacity to 50% DOD*	kWh	20
Continuous output at 25 °c	kVA	7.3
Peak Power output at 25 °c (5 Secs)	kVA	20
Autonomy 1kW / 5KW / Max Continuous	h	20.5 / 4.0 / 1.75

\* (DOD) Depth of discharge 50% is set at time of manufacture, but can be adjusted if required.

## BATTERY INPUT

Max charging current at 230V AC single phase		32A
Typical recharge time from 50% - 80% at 32A	h	1.30
Typical recharge time from 50% - 100% at 32A	h	3.15
Input connection type		32A single phase CEEFORM socket

## ENERGY STORAGE BATTERIES

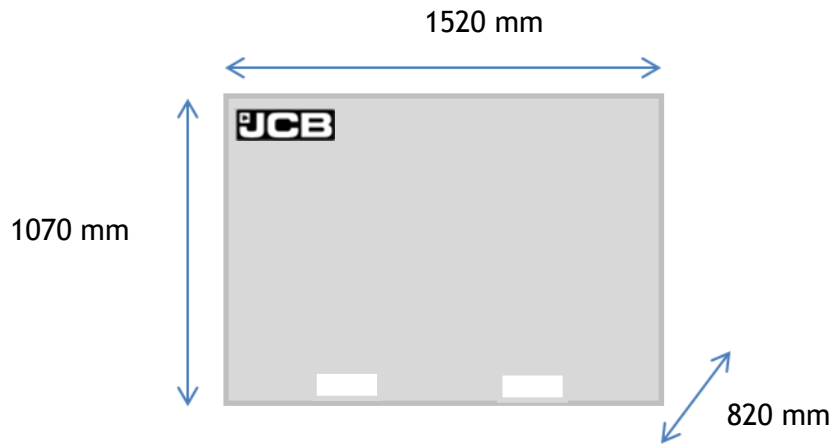
Battery Type		Sealed Lead Acid Gel
Number x Size	V	24 x 2

## BATTERY FEATURES

Operating temperature range	°C	-10 to +40
No. of charging cycles at 50% DOD	Cycles	1500
Max Service life at 25 °c	Years	15
Inverter protection		Overload, overheat, short circuit, Low battery, Excess battery voltage ripple.
Battery monitoring functionalities		Voltage, % capacity available, Time available at current discharge rate (TTG).
Output connection type		32A single phase CEEFORM socket

## SOUND PRESSURE

LpA (7m)	db(A)	Silent
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## WEIGHT AND DIMENSIONS

Length	mm	1520
Width	mm	820
Height	mm	1070
Weight	Kg	1335

## CANOPY/SKID

Steel canopy	•
Recessed control panel	•
Fork Pockets	•
Four- point lift	Δ
Yellow Paint	•
White Paint	Δ

STANDARD: • NOT AVAILABLE: X OPTIONAL: Δ

## ELECTRICAL FEATURES

60Hz configuration	Δ
Earth Leakage Protection (Shunt Trip)	•
Preparation for Earth Spike	•
Monitoring	Δ
Two wire auto-start to generator	•
Battery Monitor	•

STANDARD: • NOT AVAILABLE: X OPTIONAL: Δ

## COMPATIBILITY

The JCB Battery Box is compatible with all sizes and makes of generator. Fitted with a two wire start, and can be charged from a mains supply.

## REFERENCE STANDARDS

JCB Generators are CE certified and conform to the following Directives (subject to a country requiring such standard):

- EN60204 , EN12601
- Ambient reference conditions 1000mbar, 25°C, 30% relative humidity ISO3046
- 2005/95/EC Low Voltage
- 2004/108/CE Electromagnetic compatibility.

Information based on standard specification equipment unless otherwise stated.