TRUCK MASTER

12 V JUMP STARTER

Product Manual

BJC-8000

DURST

ENGINEERED TECHNOLOGIES

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Product overview

The Durst BJC-8000 Truck Master is a portable 12 V lithium jump starter developed for American-style 12 V trucks, heavy transport and fleet maintenance. Rated at 8,000 cranking amps and weighing less than 10 kg, it combines substantial starting output with a compact format for workshop and field-service use.

The unit combines a powder-coated steel enclosure with a carbon-fibre front panel. A start button, analogue voltmeter, override control and audible warning buzzer provide the main operating controls and indications.

Designed for compatible 12 V equipment, the Truck Master is supplied with an AC wall charger and an Anderson-to-clamp cable set.

Controls and features

Control or feature	Function
Master switch	Enables or disables the unit for operation.
Start button	Activates the starting function.
Analogue voltmeter	Provides a voltage reading.
Warning buzzer	Provides an audible warning.
Override switch	Selects override operation.
Protection features	Automatic-reset fuse, anti-spike protection, reverse-polarity protection and low-voltage protection.

Included items

AC wall charger and Anderson-to-clamp starting lead.

The starting lead uses 1 m of 95 mm² dual-insulated Superflex copper cable with insulated, nickel-plated copper clamps rated at 1,000 A.

Master, start and override

The three controls perform different jobs. MASTER enables the unit, START controls the starting/boost function, and OVERRIDE allows starting when a deeply discharged vehicle battery cannot be recognised by the normal detection check.

Control	Purpose
MASTER switch	Main enable/disable control for the unit.
START button	The round power-symbol button labelled START controls the starting/boost function. The product label also identifies it as a way to deactivate the unit after the engine starts.
OVERRIDE switch	Allows starting when the normal voltage and polarity detection cannot recognise a deeply discharged vehicle battery.

When override is needed

During normal operation, the unit checks the connected battery's voltage and polarity before allowing boost. A vehicle battery with very little voltage remaining may not be recognised, even when the leads are connected correctly. Override allows the operator to bypass this detection requirement.

> **Before using override, independently confirm that the vehicle is 12 V and that both starting-lead connections have the correct polarity.**

Override does not increase the unit's rated starting output. A low-battery warning from the Truck Master itself means the unit needs charging; override is not a substitute for charging.

The detection threshold and the individual protection circuits bypassed by override are not specified in the supplied product information. Contact Durst for technical clarification.

Technical specifications

Specification	Value
Model	BJC-8000
System voltage	12 V
Variant	Standard
Weight	9.95 kg
Enclosure dimensions	270 mm (L) x 140 mm (W) x 300 mm (H)
Overall height	360 mm, including Anderson connector / handle
Enclosure	Powder-coated steel with a carbon-fibre front panel
Starting lead	1 m / 95 mm² Superflex cable; dual-insulated, multi-strand copper
Clamps	1,000 A insulated, heavy-duty, nickel-plated copper clamps

Confirm suitability for the vehicle and its starting requirements with Durst before use.

Battery and starting ratings

Specification	Published rating
Battery technology	Durst proprietary lithium polymer
Battery energy	830 Wh
Battery capacity	56 Ah
Cranking current	8,000 A (CA)
Peak current	40,000 A

Battery and current ratings are manufacturer-stated specifications.

Safety and care

Use only the charger specified by Durst for the BJC-8000.

Before use

Use the BJC-8000 with compatible 12 V equipment. Follow the operating and override instructions on the unit's label.

Storage and outdoor use

Store the unit indoors when it is not in use. Do not store or leave it outdoors.

The unit is intended for temporary outdoor use. Exercise reasonable care when using it in wet conditions.

Support and warranty

Contact Durst for product assistance, charger compatibility or warranty enquiries.

Contact	Details
Company	Durst Industries (Aust.) Pty Ltd.
Address	1/11 Packard Ave, Castle Hill NSW 2154, Australia
Website	durst.com.au
Email	sales@durst.com.au
Telephone	+61 2 9660 1755
Warranty	3 years. Contact Durst for the applicable terms and claim requirements.

Product information

durst.com.au/products/truck-master-12v