



HEAVY DUTY SERIES JUMP STARTER

Designed for heavy-duty vehicles (Class 8/N3 semi-trucks, trailers, coaches, buses, motorhomes) and industrial equipment (mining, agricultural, construction, vocational)



J403HD

J701HD



J10000HD

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POWERFUL JUMP-STARTING PERFORMANCE

Delivers high peak current through premium lithium cells for rapid engine starts in both 12V and 24V systems—even under extreme cold or low battery conditions.



INDUSTRIAL-GRADE CONSTRUCTION

Featuring a reinforced, impact-resistant housing and integrated cable storage, this unit is built for demanding job sites. Its 1.73-meter cable offers extended reach and flexibility, making battery connections easier in large vehicles or tight engine bays—no need to move the vehicle



LENGTH
1.73M

100W USB-C FAST CHARGING

Equipped with a USB-C Power Delivery port supporting up to 100W input and output—for fast charging of both the jump starter and your devices.



REVERSE FAST CHARGING TECHNOLOGY(RFCT)

Fast recharge the jump starter from the vehicle by keeping it connected after starting, to replenish enough power for the next startup



CONNECTMAX TECHNOLOGY

Our state-of-the-art system automatically detects the impedance of the clamp connection to your car battery, ensuring optimal contact every time and maximizing the starting efficiency of your jump starter.



FEATURE



J403HD

Voltage Support

12V Only

Battery Type

LiPO

Peak Current

10000A (12V)

Application

12V trucks, SUVs, Off-Road, Rescue, Semi Truck/Heavy Duty

Highlights

Strong Cold-Start, High Efficiency



J701HD

Voltage Support

24V Only

Battery Type

LiPO

Peak Current

4000A (24V)

Application

24V Trucks, Buses, Tankers, Construction, Semi Truck/Heavy Duty

Highlights

Stable 24V Power, Anti-Impact Build



J10000HD

Voltage Support

Dual 12V / 24V – Auto / Manual Switch

Battery Type

LiFePO4

Peak Current

5000A (12V) / 10000A (24V)

Application

Multi-Vehicle Use, Outdoor, Fleet, Overland, Construction, Semi Truck/Heavy Duty

Highlights

Dual Voltage, RFCT, Smart UI, Premium Design

01

12V

02

24V

03

12V & 24V

SPECIFICATIONS

Model Number	J403HD	J701HD	J10000 HD
Capacity	236.8Wh	207.2Wh	256Wh
Starting voltage	12V	24V	12/24V
Peak current	10000A	4000A	10000A 12V/5000A 24V Switchable
Input	DC 60W & USB-C 100W	DC 60W & USB-C 100W	DC 100W & USB-C 100W
Output	USB-A QC 18W & USB-C 100W	USB-A QC 18W & USB-C 100W	USB-A QC 18W & USB-C 100W & DC 60W
Battery Life	>1,000 cycles in good condition	>1,000 cycles in good condition	>2,000 cycles in good contion
Charging Time	Estimated 2-3 Hrs	Estimated 2-3 Hrs	Estimated 2-3 Hrs
Gas Engine Rating	Up to 16 Liters	Up to 15 Liters	Up to 16 Liters
Diesel Engine Rating	Up to 16 Liters	Up to 15 Liters	Up to 16 Liters
IP CODE	IP65	IP65	IP65
Charging Temp	0°C~45°C	0°C~45°C	0°C~45°C
Storage Temp	-20°C~50°C	-20°C~50°C	-20°C~50°C
Operating Temp	-20°C~60°C	-20°C~60°C	-20°C~60°C
Luminous Flux	400 Lumens	400 Lumens	1000 Lumens
Dimensions (L*W*H)	271*211.77*77.8mm	271*211.77*77.8mm	448*435.4*142.9mm
Net Weight	4.2kg	4.1kg	11.5kg
Certifications	FCC CE ROHS UN38.3 UKCA	FCC CE ROHS UN38.3 UKCA	FCC CE ROHS UN38.3 UKCA