



DESCRIPTION

A highly powerful and extremely reliable jump starter capable of starting up to 12.0L 12V petrol and diesel vehicles and all 24V petrol and diesel vehicles. Ideal for commercial transport, construction equipment, industrial machinery and mining vehicles.

FEATURES AND BENEFITS

RAPID RECHARGE TECHNOLOGY (RRT):

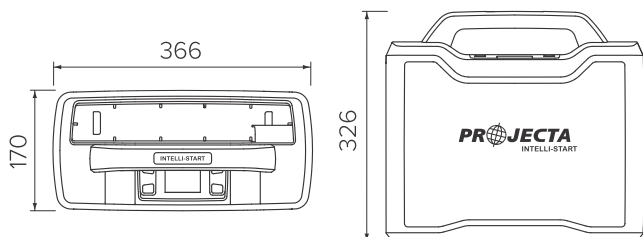
The Lithium Iron Phosphate (LiFePO₄) battery can rapidly recover charge from the vehicle's alternator following a successful jump start.

WORKSHOP TOUGH:

Features a tough steel chassis and aluminium housing with a chemical-resistant rubber overmold. Includes docking station ideal for workshop use.

AUTOMATIC VOLTAGE DETECTION:

Detects the vehicle's voltage when the clamps are connected and automatically selects 12V or 24V.



BATTERY

Battery Capacity	2 x 6.0Ah, at 12.8V, 48,000mAh at 3.2V (153.6Wh)
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Peak Amps	3000A
Clamp Power	12V DC Vehicle: 1000A 24V DC Vehicle: 850A
Battery Cycles	2000 battery cycles (battery lifespan)
Types of Vehicle	12V: up to 12.0L Petrol & Diesel 24V: All Petrol & Diesel

JUMP STARTER LEADS

Length	1500mm Positive & Negative
Cable	50mm ² / AWG 0
Polarity Protection	Short-circuit, over-current, input over-voltage and under-voltage, output over-voltage and under-voltage

RECHARGING

Via	Charger docking station
Source	AC/DC charger 15V DC 3A max output
Main Charge	Internally cell-balanced constant current
Maintenance	Resumes charging if battery voltage drops to 13.2V DC
Source	RRT via vehicle starting battery
DC Charging	May take up to 8 hours

JUMP START CONNECTION VOLTAGES

Vehicle Voltage Range	1 – 14.6V DC (12V DC Vehicle), 14.7 – 30V DC (24V DC Vehicle)
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DIMENSIONS, WEIGHT & ENVIRONMENTAL

Height	326mm
Length	366mm
Width	170mm
Weight	10.6kg
Operating Temp	-20°C to 60°C
Operating Temp (Charging)	0°C to 45°C
Storage Temp (Long Term)	-10°C to 45°C

APPLICATION GUIDE

