

**Intelli-Start Lithium Industrial Jump Starters
IS5000**



DESCRIPTION

A highly powerful and extremely reliable jump starter capable of starting up to 16.0L 12V petrol and diesel vehicles and all 24V petrol and diesel vehicles. Suitable for 12V or 24V prime movers, buses and smaller industrial machinery.

FEATURES AND BENEFITS

RAPID RECHARGE TECHNOLOGY (RRT):

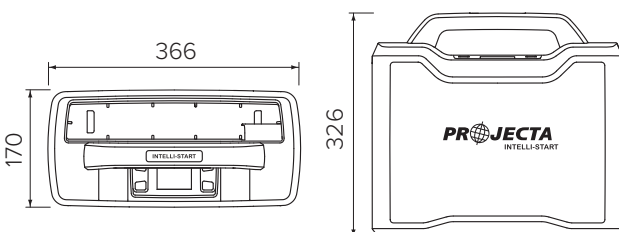
The Lithium Iron Phosphate (LiFePO₄) battery can rapidly recover charge from the vehicle's alternator following a successful jump start.

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 12 or 24 volt.



BATTERY	
Battery Capacity	2 x 12.0Ah, at 12.8V, 96,000mAh at 3.2V (307.2Wh)
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Peak Amps	4500A
Clamp Power	12V DC Vehicle: 1500A, 24V DC Vehicle: 1000A
Battery Cycles	2000
Types of Vehicle	12V: Up to 16.0L Petrol & Diesel 24V: All Petrol & Diesel
JUMP STARTER LEADS	
Length	1500mm Positive & Negative
Cable	75mm ² / AWG 00
RECHARGING	
Via	Charging docking station
Source	AC/DC charger 15V DC 3A max output
Main Charge	Internally cell-balanced constant current
Maintenance Charge	Recharging if battery voltage drops to 13.2V DC
Source	RRT via vehicle starting battery
DC Charging	Up to 12 hours
JUMP START CONNECTION VOLTAGES	
Vehicle Voltage Range	1 – 14.6V DC (12V DC Vehicle) 14.7 – 30V DC (24V DC Vehicle)
DIMENSIONS, WEIGHT & ENVIRONMENTAL	
Height	326mm
Length	366mm
Width	170mm
Weight	13.5kg
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

