

ANCEL BS200 Engine Starter



Model: BS200

Manufacturer: ANCEL

EAN: 6978281190564

Product Code: 917798

R3,582

ANCEL BS200 Engine Starting Aid

The ANCEL BS200 is an engine starting aid for 12 V vehicles—it provides a stable power supply during vehicle startup. It uses supercapacitor technology and generates a peak current of 700 A, enabling it to assist with engine starting even with a weak battery, at low temperatures, and during frequent start-stop cycle operation. The product stands out with a service life of up to 100,000 charge and discharge cycles without failure, operates at temperatures ranging from -40°C to 80°C, and can be charged both from the vehicle's battery and via a USB-C port. Additionally, it works with the Super Starter app, which makes it easy to monitor key parameters.

Supercapacitor technology that reduces the load on the battery

The BS200 model uses an innovative type of supercapacitor with low internal resistance and high power density. This enables immediate engine startup. The product is also equipped with patented supercapacitor control circuit technology and an algorithm for intelligent recognition of the vehicle's startup mode. This means it can detect challenging operating conditions, such as cold starts at low

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temperatures or frequent start-stop cycles. Additionally, it dynamically distributes the storage and release of electrical energy between the starter motor and the car battery. All of this effectively prevents battery damage and extends its service life.

Starting Even at Low Battery Voltage

The ANCEL BS200 can operate even when the car battery voltage drops significantly. As long as the voltage remains above 5 V, the device is able to function properly. This means you don't have to worry about unexpected vehicle problems throwing a wrench in your plans!

Various charging methods

Once the device is connected to the battery, charging begins automatically, without the need for manual intervention. If necessary, you can also charge it manually via the USB-C port—using a 5 V / 2 A power adapter or a power bank. You also won't have to wait too long for the product to be ready for use. When charging from the vehicle's battery, the recharge time is approximately 3–22 minutes, and if you use the USB-C port, it will take about 3–50 minutes.

Smart App for Monitoring Operating Parameters

The device works with the Super Starter app, which allows you to monitor the operating parameters of the starter motor and car battery in real time. Through the app, you can check, among other things, the device's voltage, current, temperature, and capacity. The system also records the vehicle's start-up history and data on voltage fluctuations and discharge currents. Additionally, it allows you to export the recorded information and offers smart notifications about malfunctions or maintenance reminders.

Automatic and Emergency Start Modes

When the device is properly connected, it automatically supports the starting process every time the engine is started. In an emergency, the user can also use the forced start function available in the app or activate manual mode using the Manual Discharge button.

Operation in Extreme Temperatures and High Durability

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The BS200 model is designed to operate over a very wide temperature range: from -40°C to 80°C. The device uses safe materials and contains no flammable chemicals found in traditional lithium batteries, thereby eliminating the risk of swelling, leakage, or ignition. In addition, the housing has an IP65 protection rating, which increases the starter’s durability during everyday use.

Manufacturer	ANCEL
Model	BS200
Device Type	12 V engine jump-start device
Operating Voltage	5-20 V
Max. Output Voltage	15 V
Max. Current	700 A
Supported Vehicles	12 V vehicles
Lifespan	Up to 100,000 charge and discharge cycles
Operating temperature	From -40°C to 80°C
Connectivity	Bluetooth BLE 5.3
App	Super Starter
Charging method	Automatic charging from a car battery, USB-C charging
Charging time	Fast charging from car batteries: approx. 3-22 min Charging via USB-C (5 V / 2 A): approx. 3-22 min
Average power consumption	3 mA
Protection rating	IP65
Language	English
Weight	845 g

GPSR Link: https://psr-assets.innpro.pl/car_accessories/sg_car_accessories_diagnostic_tools.pdf,
Gross weight: 1010, Box length: 26,50, Box width: 12,00, Box height: 9,00, Net weight: 750,
Information about data generation: <https://dataact.innpro.pl/ANCEL/6978281190564>, PPWR:
<https://ppwr.innpro.pl/ancel>