Technical data sheet



Version: A/0

M-A19 Car Charger with Built-in Retractable USB-C Cable

[Product Picture]



[Product Description]

The M-A19 is a high-performance 72W multi-port car charger equipped with a built-in retractable USB-C cable for convenient on-the-go charging. Designed for vehicles with 12V or 24V power systems, it delivers fast, stable, and intelligent power output across USB-A, USB-C, and dual USB-C extension ports. With advanced charging protocols and robust safety protection, it ensures efficient power delivery for smartphones, tablets, navigation devices, and other USB-powered electronics.

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[Tech Specs]

Technical Specification	Description
Model	M-A19
Product Type	72W Car Charger with Built-in Retractable USB-C
	Cable
Color	Black
Input Voltage	DC 12V-24V
Total Power Output	Up to 72W (combined)
USB-A Port Output	QC3.0, 18W Max: 5V/3A, 9V/2A, 12V/1.5A
USB-C Port Output	PD3.0 / PPS, 30W Max: 5V/3A, 9V/3A,12V/2.5A;
	PPS: 3.3V-11V/3A
USB-C Retractable Cable Port	Port 1: 5V/3A, 9V/3A, 12V/2.5A, PPS 3.3V-11V/3A;
	Port 2: 5V/3A, 9V/3A, 12V/2.5A
Cable Length	approx. 70 cm / 2.3 ft
Simultaneous Output Note	When QC and PD ports are used together,
	combined output is limited to 5V/3A (15W total)
Material	ABS + PC (flame-retardant, heat-resistant
Compatibility	Cars, SUVs, vans, trucks with 12V/24V systems

[Features]

- **1. Built-In Retractable USB-C Cable:** Integrated 70cm cable for convenient charging without carrying extra cables.
- **2. Advanced Fast-Charging Protocols:** Supports QC3.0, PD3.0, and PPS for optimized charging across modern devices.
- **3. Intelligent Power Distribution:** Smart output management ensures stable charging even when multiple ports are used.

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4. Durable & Safe Construction: ABS+PC housing provides flame-retardant and heat-resistant protection.

[Application Environment]

- 1. Vehicle Power Systems: Compatible with 12V/24V systems in cars, SUVs, vans, and trucks.
- **2. Operating Conditions:** Designed for typical in-vehicle temperature and humidity environments.
- 3. Usage Scenarios: Ideal for daily commute, long-distance travel, and multi-device charging.
- **4. Device Compatibility:** Suitable for smartphones, tablets, GPS devices, dash cameras, and other USB-powered electronics.

[Important Notice]

- **1. Simultaneous Output Limitation:** QC and PD ports used together will limit total output to 15W (5V/3A).
- 2. Safe Operation: Use certified charging cables to ensure optimal performance and safety.
- 3. Environmental Precautions: Avoid prolonged exposure to extreme heat inside the vehicle.
- **4. Maintenance Advice:** Keep the charger dry and disconnect when the vehicle is not in use for extended periods.