

The **STARTFLASH 120.24 CNT** is the first charger-starter featuring **INVERTER TECHNOLOGY**. With a high power rating of 120 A, it is designed for all 6, 12 or 24 V lead-acid and lithium batteries. It keeps the battery at a perfectly stabilised voltage during the diagnostic phases and guarantees optimum charging quality for maintaining the most advanced batteries. Capable of starting any vehicle, from light- to heavy-goods vehicles, it can be fully customised thanks to its advanced connectivity system (USB + SMC).

FOUR OPERATING MODES

- **Charging Mode:** dedicated to recharging lead (sealed, liquid and AGM, etc.) or lithium (LiFePO4) starter batteries.
- **Power Supply Mode | BSU:** meets the vehicle's energy needs during diagnostic phases.
- **Startup Mode:** starts vehicles with 12 and 24 V lead (sealed, liquid and AGM) or lithium (LiFePO4) batteries.
- **Testing Mode:** used to check the battery's condition as well as evaluate the vehicle's starting ability and alternator efficiency.

100% CONNECTED

- Add, delete or modify charging modes and profiles using a USB key.
- Import predefined configuration files specific to the charging activities.
- Retrieve history and charge data from a USB key and use it in a spreadsheet.
- Connect additional modules (printer and barcode reader, etc) via its dedicated module socket (SMC: Smart Module Connector).

AUTOMATIC CHARGING

- Extends the service life and performance of lead-acid (gel, AGM, liquid and calcium, etc.) and lithium batteries (LFP).
- Specific **eight-stage** (lead-acid batteries) or **nine-stage** (lithium-iron phosphate batteries) unattended charging curve.
- Recovers deeply discharged batteries > 2 V (automatic **SOS Recovery**).

HIGH-PERFORMANCE INVERTER STARTER

- **300 A** starter for light-goods vehicles, motorhomes, vans, tractors, lorries and buses, etc.
- The inverter-starter guarantees both speed and safety: a few seconds of pre-charging is sufficient to achieve a safe start without voltage peaks.

ADVANCED TECHNOLOGIES & FEATURES

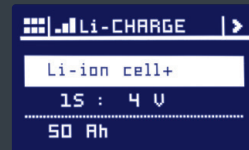
- Its «**Auto-Detect**» feature automatically starts charging when a battery is connected to the charger.
- Its «**Auto-Restart**» feature saves the settings in the event of a power failure.
- **Manage and calibrate cables.**
- Up to **12 available charging profiles**, including the «easy» profile for simplified lead-acid battery charging.

ULTRA-SECURE

- **Preserves the vehicle's on-board electronics:** short circuit, reverse polarity and overload safeguard systems. Anti-spark system.
- **An interchangeable fuse** protects against handling errors.
- Its **temperature sensor** prevents the internal electronics from overheating.



Supplied with cables
(5 m - 35 mm²)



- OLED display screen
- Intuitive user interface with turn dial
- 19 available languages



ACCESSORIES (optional extras)



Startflash trolley
074965



Dinse cable
> Clamp
028876 - 2.5 m - 25 mm²
027886 - 5 m - 25 mm²



Dinse cable > REMA
025714 - 5 m - 25 mm²



Dinse cable > Anderson
025721 - 5 m - 25 mm²



Dinse cable > NATO
025707 - 5 m - 25 mm²
056626 - 10 m - 25 mm²

Compatible cables

CNT MODULES



CHARGING 										START 									
50 / 60 Hz	V	W	I max.			25°C @ 100%	40°C @ 100%	TRACTION BATTERIES		1V/C	0V/C	AUTO START	IP	mm	kg	A	m		
85 - 265 V AC	6 / 12 / 24 V	3,500 W	110 V	6 / 12V	100 A	75 A	55 A	20 < 1,200 Ah	•	110 V	6 / 12 / 24 V	150 A	150 A	•	IP 20	322 x 251 x 406	13.9	150 A (x2)	2.5 m
				24 V	50 A	50 A	50 A												
			230 V	6 / 12 / 24 V	120 A	110 A	90 A				230 V	6 / 12V	300 A	300 A					
				24 V	120 A	110 A	90 A					24 V	200 A	300 A					