

# SMART POWER CONTROL

with LiFePO4 technology



EGEN CELLINK

NEO 5

## CELLINK NEO 5

### The Compact Supplementary Dash Cam Power Source

The Cellink NEO 5 is a specially designed battery pack that provides independent power to dash cam devices, delivering extended Parking Mode operation and increased recording time, without ever having to draw power from the vehicle's battery. NEO 5 charges when the vehicle is running and provides continuous 12V power when the ignition is switched-off and the vehicle is unattended, for example when parked overnight, allowing the dash cam to continue recording in Parking Mode for extended periods of time.

NEO 5 is powered from the cigarette lighter socket for plug and plug simplicity, and reaches a full charge in only 70 minutes. If hardwired to the vehicle's electrical system using the optional hardwire cable, NEO 5 will fully charge in only 50 minutes. It is capable of powering a standard single channel dash cam for over 22 hours of continuous recording (dash cam model dependant) or several days of periodic recording if the dash cam is set to trigger by motion or impact only.

The NEO 5 is built to last and is manufactured using high quality anodised aluminium and powered by state-of-the-art LiFePO4 (Lithium Iron Phosphate) battery technology, developed to withstand extreme temperatures, go through more charge cycles, and be kinder to the environment than a traditional Lithium-ion battery.

### COMPATIBILITY

Cellink NEO batteries are acclaimed by professionals for their reliability and are compatible with a wide variety of dash cam brands including Nextbase, BlackVue, Garmin, Thinkware and MIO.

### PLUG & PLAY OR HARDWIRE INSTALLATION

NEO 5 can be powered from any 12V cigarette lighter socket without the need for installation, or alternatively hardwired out-of-sight in the glovebox or boot by using the optional hardwire power cable.

### KEY FEATURES

- Powers a dash cam in Parking Mode without using vehicle's battery
- Extended operation - 22hrs of constant recording (dash cam dependant)
- Plug and Play cigarette lighter socket operation, or optional hardwiring
- 70 minutes charge time from cigarette lighter socket, 50 minutes if hardwired
- Compatible with a range of brands inc. BlackVue, Nextbase, Garmin, Thinkware and MIO
- Safe and dependable LiFePO4 (Lithium Iron Phosphate) technology

### SPECIFICATIONS

- **Battery Cell Type :**  
LiFePo4 (Lithium Iron Phosphate)
- **Colour / Size / Weight :**  
Black / 157mm (W) x 135mm (L) x 39.5mm (H) / 1.1kg
- **Input Voltage / Current :**
  - Cigarette lighter plug: 12V – 17V / 6A (max)
  - Hardwired: 12V – 17V / 13A (max)
- **Charging Voltage / Current :**
  - Cigarette lighter plug: 14.2V / 4.5A
  - Hardwired: 14.2V / 7A
- **Charging Time :**
  - Cigarette lighter plug (standard 5A charging): Approx. 70 mins
  - Hardwired : 7A Approx. 50 mins
- **Hours of Use :**
  - Up to 22 hours (dashcam model / mode dependent)
- **Capacity :**
  - 12.8V / 4,500mAh / 57.6Wh
- **Output Voltage / Current :**
  - Dashcam port: 11V – 14.2V / 2A (max)
- **Operating Temperature:**
  - Charging Temperature: 0° – 45°C (32° – 113°F)
  - Discharging Temperature: -10° – 60°C (14°F – 140°F)
  - Storage Temperature: -10° – 35°C (-14°F – 95°F)
- **High Temperature Cut-Off :**
  - Approx. 80°C (176°F)

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