

InoNet CAR-UPS DC/DC

Programmable, uninterruptible power supply for in-vehicle use

Features

- ↗ Programmable
- ↗ For loads up to 6 A continuous power
- ↗ Charge quantity 2 Ah at 9.9 V (LiFePo battery)
- ↗ Input and output with Neutrik connector
- ↗ Manual start button
- ↗ 0 ~ 50°C operating temperature
- ↗ Customized versions/adaptations available on request



Configuration example

Further configurations on request!

Input:

Voltage
+6 ~ +30 VDC
Current
6 A continuous power
Peak current 10 A @ < 30 sec.
Deep discharge voltage set
+11 VDC
Deep sleep current consumption
< 50 uA
Efficiency (Input 10 - 16 V)
> 80 - 95% (95% max.)

Output:

Voltage
+6 ~ +30 VDC, programmable
+12 VDC standard
Current
6 A continuous power
Peak current 10 A @ < 30 sec.

Battery:

LiFePo battery
3 cells
U = 9,9 V, 2100 mAh, 30° C, 18 Wh
LiFePo battery (optional)
4 cells
U = 13,2 V, 4000 mAh, 30° C, 54 Wh

I/O:

1x Neutrik XLR Type: NC4FD-L-1
1x Neutrik XLR Type: NC4MD-LX
1x USB-B
works with Microsoft®
Windows® devices (Linux® API
on request)

Charge:

Voltage
+6 ~ +30 VDC
Current
Max. 3 A, 1.0 A adjusted
Charge status display
Via USB with monitor software

Mechanical:

Dimensions (W x H x D)
215 x 78 x 125 mm
LED
Presence of input and output
voltage
Button
Manual start button

Environment:

Operating Temperature
0° ~ 50° C
(below 0° C the battery power
decreases)
Storage Temperature
-30° ~ 60° C
Shock
1 g / 0.5 ms
Vibration
1 g (7 - 800 Hz)
Relative Humidity (operation)
10 ~ 90 % (non condensing)
IP Protection
IP50

InoNet Competences and Services



Consulting



Development



Testing



Customization



Manufacturing



Certifications

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