

accelerate
charging

■ Transportation Solutions

DC/DC Converter

**USB-Power delivery Solution
for retrofitting or new installations**

Comply with the standards EN 50155,
EN 50121-3-2, EN 61373 and EN 45545-2

Power Supply for USB-charging

Part. No. 819001

Type NG-9001 DC 24-110V



| | |
|----------------------------------|---|
| Input Voltage range | 16.8 V – 137.5 V |
| Rated voltage UN | DC 24 V – 110 V |
| Output voltage | DC 5.3 V ± 0.25 V |
| Output current | 2.1 A per channel (T<= +50 °C) 1.5 A per channel (T>+50 °C) |
| Protection device | Polarity reversal protection Suppressor diode Overload protection |
| Status indication LED | LED green (Output voltage) per channel Short-circuit protection |
| USB-C Charger cable, part number | 819900.0100 or 819900.0200 |

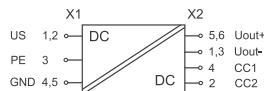
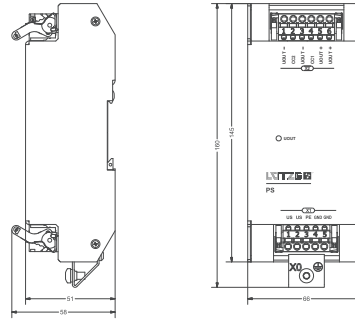
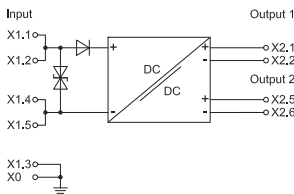
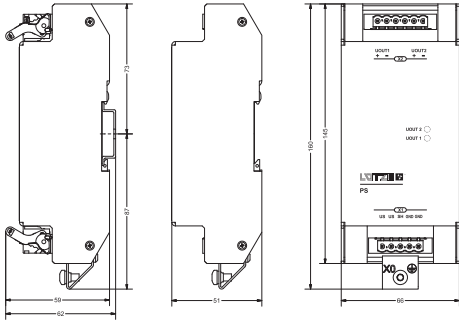
Part. No. 819024 new

Type NG-9024 DC 24-110V



| | |
|----------------------------------|---|
| Input voltage range | 16.8 V – 137.5 V |
| Rated voltage UN | DC 24–110 V |
| Output voltage | 5 V, 9 V, 12 V, 15 V, 20 V, PD 3.1* update 5-20 V |
| Output current | 3 A, PD 3.1* update 4,5A @ 10V max. |
| Protection device | Polarity reversal protection Suppressor diode Overload protection Overtemperature protection Short-circuit protection |
| Status indication LED | Indicates that the charger is working correctly, flashes in the event of an overload |
| USB standard | PD2.0; BC 1.2 and PD 3.1* PPS update |
| Standby consumption | DC 24 V: 720 mW / DC 110 V: 550 mW |
| Power output | max. 60 W |
| Efficiency | >90 % @ 60 W (20 V / 3 A) |
| USB-C Charger cable, part number | 819908.0050 or 819908.0200 |

*planned mid 2026



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