

Electrical Specifications

- | | |
|------------------|------------------|
| • Input Voltage | 12~57 VDC (Max.) |
| • Output Voltage | 12~57 VDC (Max.) |
| • Max. Current | 1.5 A |

Physical Specifications

- | | |
|----------------------|------------------------|
| • Ports | PoE and LAN (2 x RJ45) |
| • Ethernet Data Rate | 10/100 Mbps |
| • Data Pins | 1/2 & 3/6 |
| • Power Pins | 4/5 & 7/8 |
| • DC input | 2.1x 5.5 mm DC jack |
| • LED Indicator | Power |
| • Color | Black |
| • Dimensions | 51 x 25 x 26.5 mm |
| • Weight | 25 g |

Environmental Specifications

- | | |
|-------------------------|-------------------------------|
| • Operating Temperature | 0 °C to +40 °C |
| • Storage Temperature | -20 °C to +65 °C |
| • Operating Humidity | 10 to 80% (Non-condensing) |
| • Storage Humidity | 5 to 90% (Non-condensing) |

Connection Diagram



Product Ordering Information

- DC Injector with LED for C1n Series

Contact Us

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PE-PB-170727

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Input Specifications

- AC Input Voltage 90 – 264 VAC (Max.)
100 – 240 VAC (Nominal)
- AC Input Frequency 47 – 63 Hz (Max.)
50 Hz/60 Hz (Nominal)
- AC Input Current 500 mA (Max.)

Output Specifications

- Output Voltage 17.1 – 18.9 VDC (Max.)
18 VDC (Nominal)
- Output Current 660 mA (Max.)
- Output Ripple 150 mV

Protection Specifications

- Over Voltage Protection
- Over Current Protection
- Short Circuit Protection

Energy Efficiency Specifications

- Energy Efficiency Marking V
- No Load Power 0.3 W (Max.) at Input 115 V
60 Hz/ 230 V 50 Hz
- Average Efficiency 77.69% (Min.) at Input 115 V
60 Hz/ 230 V 50 Hz, Rated
Output 18 VDC, 660 mA,
11.88 VA
- Standards Europe: ErP/ EuP
USA: EISA/CEC/Energy Star

Environmental Specifications

- Operating Temperature -10 °C to +50 °C
- Storage Temperature -20 °C to +70 °C
- Operating Humidity 10 to 95%
- Storage Humidity 10 to 95% (Non-condensing)

Mechanical Specifications

- Dimensions 75 x 50 x 32 mm
- Mounting Wall-mounted
- Power Line Cord UL2468 2/AWG 24 with
Female Plug, Ø5.5 x Ø2.1 x
10 mm x1800 mm ±10%

Safety Specifications

- Dielectric Strength 3000 VAC at 1 second,
(Hi-pot) Cutoff current 10 mA
- Leakage Current 250 µA (Max.) at 250 Vrms
- Insulation Resistance 5 MΩ (Min.) at 500 VDC

Reliability Specifications

- MTBF 50,000 hours (Min.) at Max.
Rated Load and 25°
Ambient Temperature

Safety Standards

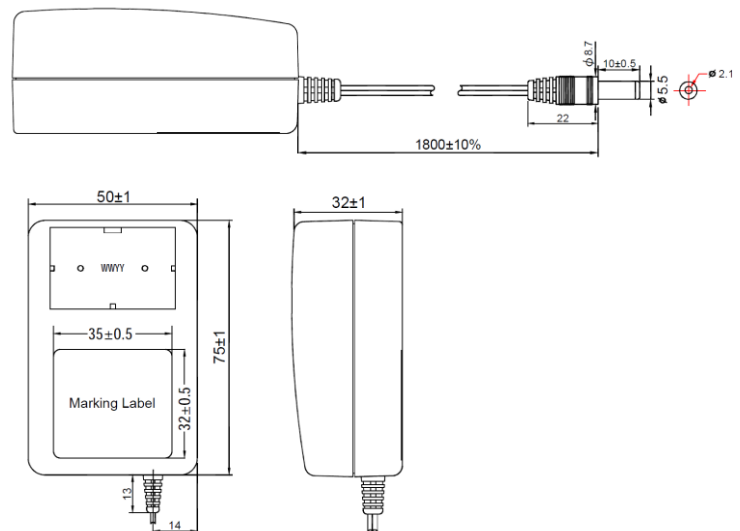
- CE Europe IEC/EN60950-1
- UL USA UL/CSA 60950-1

EMC Standards

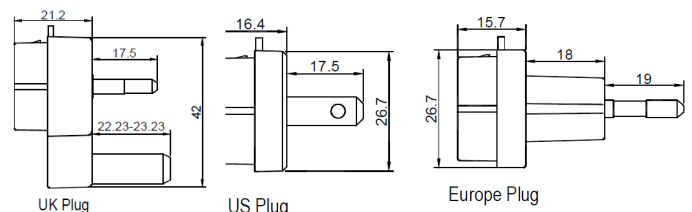
- FCC Part 15 subpart B, ICES-003
- EN55022, EN55024, EN61000-3-2/3
- EN55013, EN55020, EN61000-3-2/3
- EN61204-3, EN61000-3-2/3
- EN55014-1, EN55014-2, EN61000-3-2/3
- EN55015, EN61547, EN61000-3-2/3
- UL/CSA 60950-1, UL/CSA 60065, UL1310, UL697,
CSA C22.2 No. 223, CSA-C22.2 No. 173, UL8750
- IEC/EN60950-1, AS/NZS60950-1
- IEC/EN60065, AS/NZS60065
- IEC/EN61558-1+IEC/EN61558-2-7
- IEC/EN61558-2-16, IEC/EN61558-2-17
- AS/NZS61558-2-16, AS/NZS61558-2-17
- IEC/EN60335-1, AS/NZS60335-1
- IEC/EN61347-2-2, AS/NZS61347-2-2, IEC/EN61347-2-13,
AS/NZS61347-2-13

Dimensions Diagram

AC Adaptor Body



Adaptor Plug



Product Ordering Information

- 18VDC AC Adaptor

| Type of plug | Part No. |
|--------------|---------------|
| US | SD.PE-0005-GP |
| UK | SD.PE-0006-GP |
| Europe | SD.PE-0007-GP |

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18DPE-GP-221115

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