

## AC Adaptor and Plug Specifications

### 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 x 1800 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

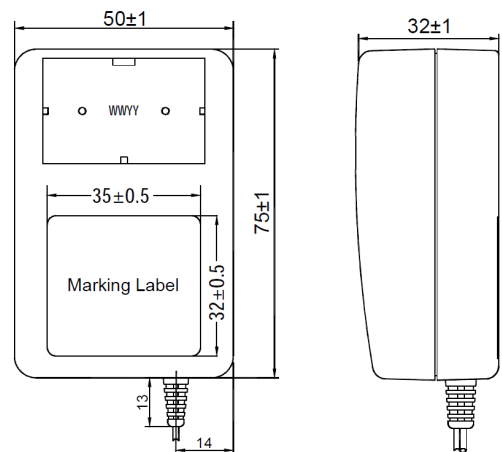
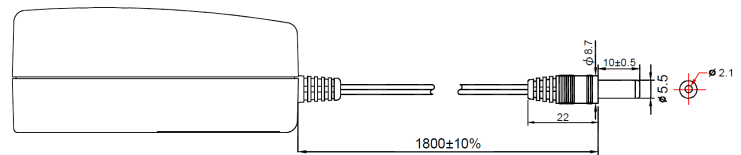
- CE Europe IEC/EN60950-1
- UL USA UL/CSA 60950-1

### EMC Standards

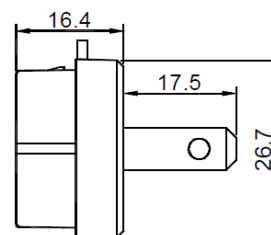
- FCC Part 15 subpart B, ICES-003
- EN55022, EN55024, EN61000-3-2/3
- EN55013, EN55020, EN61000-3-2/3
- EN61204-3, EN61000-3-2/3
- EN55014-1, EN55014-2, EN61000-3-2/3
- EN55015, EN61547, EN61000-3-2/3
- UL/CSA 60950-1, UL/CSA 60065, UL1310, UL697,  
CSA C22.2 No. 223, CSA-C22.2 No. 173, UL8750
- IEC/EN60950-1, 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



US Plug

## DC Injector Specifications

### 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)

### DC Injector Connection Diagram



## Components



AC Adaptor Body



Adaptor Plug



DC Injector

### Product Ordering Information

Part # SD.PE-C1N0-US includes :

- AC Adaptor (18V) Body for C1n Series
- Adaptor Plug (US) for C1n AC Adaptor
- DC Injector

#### Contact Us

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