

MAIN FEATURES

- 85 264 V_{AC} universal input voltage range
- 200 W rated power
- 1.00" (25.4 mm) low profile package (28.4 W/in³)
- High efficiency (up to 94%)
- No-load low power consumption: <0.3 W for 12, 24, V_{DC} ; <0.4W for 48 V_{DC} standard output variants.
- Low earth leakage current: <300 μA
- Over temperature protection, auto recovery
- Output over voltage protection, latch off
- Overload and short circuit protections, auto recovering
- Metallic protecting cage on semi-potted PWA
- IEC safety installation Class I
- Certified to the latest IEC/EN/UL 62368-1 edition
- Compliant to EN 55032 and certified to CISPR-FCC Class B
- Meet IEC/EN 60335-1 requirements for household appliances
- Operating Altitude up to 5000 m (OVC II), up to 2000 m (OVC III)
- RoHS-3 compliant (EU directive 2015/863)
- 5 years warranty



DESCRIPTION

The LPD200 is a series of Audio/Video IT/Industrial grade power supplies designed to offer the high-power density and high efficiency that space constrained and power demanding systems need. Available in 12, 24, and 48 V_{DC} outputs, this series of high-performance AC-DC power supplies provides up to 200 W steady output power with moving air, or from 190 W upwards with convection cooling over the 110 – 240 V_{AC} nominal input voltage range, all in a compact 2.28 x 3.09 x 1.00" form factor package. The semi-potted base-plate package allows thermal management through conduction cooling particularly needed in those installations where the heat can be dispelled solely through solid thermal path.

The series also includes 15, 28, 30, 36 and 54V versions whose availability will be assessed upon demand.

With 94% typical efficiency and extremely low (< 0.3 / 0.4 W) power consumption at no-load, the LPD200 facilitates thermal management and equipment design, including compatibility with the latest environmental legislations. The LPD200 series meets the latest IEC/EN/UL 62368-1 safety standards, including the EMC standard EN55032 and CISPR/FCC Class B specifications for conducted noise emissions, and EN55035 / EN 61000-6-2 / EN 61204-3 for EMC immunity, making the series suitable for use in a wide range of Audio/Video, IT / Industrial applications worldwide.

The series comes configured in the IEC protective Class I.

MARKET SEGMENTS AND APPLICATIONS

- Integrated Wireless Backhaul Mobile LTE-A, 5G
- Desktop 3D Scanners / Printers
- LED Signage / Lighting Systems

- Voice and Data Center Solution
- Fiber Optics Telecommunication Systems
- Video/Imaging Systems



MODEL CODING AND OUTPUT RATINGS

| Model Number | Output Voltage V _{оυт} [V] | Voltage Accuracy ⁽¹⁾ [%] | I _{OUT} Current Forced Air ⁽²⁾ [A] | I _{оυт} Current Convection [A] | I _{OUT} Current Conduction ⁽³⁾ [A] | V _{out} Ripple ⁽⁴⁾ [mV] | Typical Efficiency ⁽⁵⁾ [%] |
|--------------|-------------------------------------------|-------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|---------------------------------------------------|---------------------------------------------|
| LPD200-12-SP | 12 | ±1 | 16.67 | 9.17 | 14.17 | 150 | 92 |
| LPD200-15-SP | 15 | ±1 | 13.33 | 7.33 | 11.33 | 150 | 92 |
| LPD200-24-SP | 24 | ±1 | 8.33 | 4.58 | 7.08 | 200 | 94 |
| LPD200-28-SP | 28 | ±1 | 7.14 | 3.93 | 6.07 | 200 | 93 |
| LPD200-30-SP | 30 | ±1 | 6.66 | 3.67 | 5.67 | 200 | 93 |
| LPD200-36-SP | 36 | ±1 | 5.55 | 3.06 | 4.72 | 200 | 94 |
| LPD200-48-SP | 48 | ±1 | 4.16 | 2.29 | 3.54 | 200 | 94 |
| LPD200-54-SP | 54 | ±1 | 3.70 | 2.04 | 3.15 | 200 | 93 |

Notes:

- 1. At full load
- A CFM forced air cooling at >110 V_{AC}
 Thermal contact with 177.8 x 177.8 x 2.0 mm (7.00 x 7.00 x 0.08 in) metallic plate
 0.1 μF ceramic capacitor and 10 μF electrolytic capacitor in parallel at load, 20 MHz BW
 Typical values at 230 V_{AC}, full load, 25 °C ambient temperature

INPUT SPECIFICATIONS

| Specification | Test Conditions / Notes | Min. | Nominal | Max. | Units |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|---------------|-----------------|
| AC Input Voltage | | 85 | 100-240 | 264 | V _{AC} |
| Input Frequency | | 47 | 50/60 | 63 | Hz |
| Input Current | RMS at 100 V _{AC} , maximum load | - | - | 3.15 | А |
| Inrush Current (peak) | 240 V _{AC} , 25 °C ambient, cold start | - | - | 85 | А |
| Fusing | Time Lag, 3.15 A, 250 V on both L and N | - | 5 | - | А |
| Efficiency | At 230 V _{AC} , 100 % rated load, 25 °C T _{AMB} 12, 15 V _{DC} 24, 36, 48 V _{DC} 28, 30, 54 V _{DC} At 115-230 V _{RMS} , no load, 12, 15, 24, 28, 30, 36 V | - | 92 94 93 | - - 0.3 | % |
| No-load Power Consumption | At 115-230 V _{RMS} , no load, 12, 15, 24, 28, 30, 36 V 48, 54 V variants | - | - | 0.3 0.4 | W |
| Power Factor | At full rated load, 230 V _{AC} , 50 Hz input voltage | 0.96 | 0.98 | - | - |
| Harmonic Current | Complies with EN-61000-3-2, Classes A, D | | | | |
| Fluctuations and Flicker | Complies with EN-61000-3-3 at nominal voltages and full load | | | | |
| Earth Leakage Current | Normal conditions, 264 V _{AC} , 60 Hz | - | - | 300 | μΑ |
| Touch Leakage Current | Normal conditions, 264 V _{AC} , 60 Hz 1 | | | | μA |



OUTPUT SPECIFICATIONS

| Output Voltage ±1 % set point accuracy for all voltage variants. At 100 % load, 25 °C T _{AMB} , 100-240 V _{AC} Output Voltage Adjustment Pout ≤ P _{RATED} , Through potentiometer Rated Currents ≥ 110 V _{AC} , 14 CFM air flow 12 V _{DC} 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} 36 V _{DC} 36 V _{DC} 54 V _{DC} 28 V _{DC} 54 V _{DC} 36 V _{DC} 210 V _{AC} , free air 12 V _{DC} 54 V _{DC} 36 V _{DC} 36 V _{DC} | | 12 15 24 28 30 36 48 54 - - - - - - - - - - - - - - - - - - | - - - - 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 3.70 | V % |
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| Dutput Voltage Adjustment Pour ≤ P _{RATED} , Through potentiometer Rated Currents ≥ 110 V _{AC} , 14 CFM air flow 12 Voc 15 V _{oc} 24 Voc 28 V _{bc} 30 V _{bc} 30 V _{bc} 36 V _{bc} 48 V _{bc} 54 V _{bc} 24 V _{bc} 28 V _{bc} 30 V _{bc} 30 V _{bc} 36 V _{bc} 310 V _{bc} 24 V _{bc} 30 V _{bc} 36 V _{bc} 30 V _{bc} 30 V _{bc} | | 24 28 30 36 48 54 - - - - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | % |
| tated Currents ≥ 110 V _{AC} , 14 CFM air flow 12 V _{DC} 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} 36 V _{DC} 48 V _{DC} 54 V _{DC} 54 V _{DC} 52 V _{DC} 52 V _{DC} 52 V _{DC} 52 V _{DC} 53 V _{DC} 54 V _{DC} 54 V _{DC} 52 V _{DC} 53 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 53 V _{DC} 53 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 53 V _{DC} 54 V _{DC} 54 V _{DC} 54 V _{DC} 54 V _{DC} 55 V _{DC} 54 V _{DC} 55 V _{DC} | | 28 30 36 48 54 - - - - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | % |
| Rated Currents≥ 110 Vac, 14 CFM air flow12 Vbc15 Vbc24 Vbc28 Vbc30 Vbc36 Vbc48 Vbc54 VbcSee output power de-rating curves below≥ 110 Vac, free air12 Vbc15 Vbc24 Vbc25 Vbc30 Vbc30 Vbc30 Vbc30 Vbc30 Vbc30 Vbc | | 30 36 48 54 - - - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | % |
| Rated Currents $\geq 110 V_{AC}, 14 \text{ CFM air flow}$ $12 V_{DC}$ $15 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ $36 V_{DC}$ $48 V_{DC}$ $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}$, free air $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | | 36 48 54 - - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | |
| Rated Currents≥ 110 Vac, 14 CFM air flow12 Voc15 Voc24 Voc28 Voc30 Voc36 Voc48 Voc54 VocSee output power de-rating curves below≥ 110 Vac, free air12 Voc15 Voc24 Voc25 Voc30 Voc | | 48 54 - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | |
| Rated Currents $\geq 110 V_{AC}, 14 \text{ CFM air flow}$ $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ $36 V_{DC}$ $48 V_{DC}$ $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}$, free air $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | | 54 - - - - | 5 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | |
| Rated Currents $\geq 110 V_{AC}, 14 \text{ CFM air flow}$ $12 V_{DC}$ $15 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ $36 V_{DC}$ $48 V_{DC}$ $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}$, free air $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | | | 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | |
| Rated Currents≥ 110 Vac, 14 CFM air flow12 Vbc15 Vbc24 Vbc28 Vbc30 Vbc36 Vbc48 Vbc54 VbcSee output power de-rating curves below≥ 110 Vac, free air12 Vbc15 Vbc24 Vbc25 Vbc30 Vbc30 Vbc30 Vbc30 Vbc30 Vbc30 Vbc | | - - | 16.67 13.33 8.33 7.14 6.66 5.55 4.16 | |
| $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ $36 V_{DC}$ $36 V_{DC}$ $48 V_{DC}$ $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}, free air$ $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | | - - | 13.33 8.33 7.14 6.66 5.55 4.16 | A |
| $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ $36 V_{DC}$ $36 V_{DC}$ $48 V_{DC}$ $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}, free air$ $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | | - | 13.33 8.33 7.14 6.66 5.55 4.16 | A |
| 28 Voc 30 Voc 36 Voc 36 Voc 48 Voc 54 Voc See output power de-rating curves below ≥ 110 Vac, free air 12 Voc 15 Voc 24 Voc 28 Voc 30 Voc | | - | 7.14 6.66 5.55 4.16 | A |
| $\begin{array}{c} 30 \ V_{DC} \\ 36 \ V_{DC} \\ 48 \ V_{DC} \\ 54 \ V_{DC} \\ \hline \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ &$ | - | - | 6.66 5.55 4.16 | A |
| $\begin{array}{c} 36 \ V_{DC} \\ 48 \ V_{DC} \\ 54 \ V_{DC} \\ \hline \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ &$ | - | - | 5.55 4.16 | А |
| $\begin{array}{c} 48 \ V_{DC} \\ 54 \ V_{DC} \\ \hline \\ See \ output \ power \ de-rating \ curves \ below \\ \geq 110 \ V_{AC}, \ free \ air \\ 12 \ V_{DC} \\ 15 \ V_{DC} \\ \hline \\ 24 \ V_{DC} \\ 28 \ V_{DC} \\ \hline \\ 30 \ V_{DC} \end{array}$ | - | - | 4.16 | |
| $54 V_{DC}$ See output power de-rating curves below $\geq 110 V_{AC}, free air$ $12 V_{DC}$ $15 V_{DC}$ $24 V_{DC}$ $28 V_{DC}$ $30 V_{DC}$ | - | - | | |
| See output power de-rating curves below ≥ 110 V _{AC} , free air 12 V _{DC} 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} | - | - | 3.70 | |
| ≥ 110 V _{AC} , free air 12 V _{DC} 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} | - | | | |
| 12 V _{DC} 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} | - - | - | | |
| 15 V _{DC} 24 V _{DC} 28 V _{DC} 30 V _{DC} | - | - | | |
| 24 V₀c 28 V₀c 30 V₀c | - | | 9.17 | |
| 28 V _{DC} 30 V _{DC} | - | - | 7.33 | |
| 30 V _{DC} | | - | 4.58 | |
| | - | - | 3.93 | А |
| 3b Voc | - | - | 3.67 | |
| | - | - | 3.06 | |
| 48 V _{DC} | - | - | 2.29 2.04 | |
| $54 V_{DC}$ See output power de-rating curves below | - | - | 2.04 | |
| \geq 110 V _{AC} , Conduction (18 x 18 x 2 mm plate) | | | | |
| $12 V_{DC}$ | _ | _ | 14.17 | |
| 15 V _{DC} | _ | _ | 11.33 | |
| 24 V _{DC} | _ | _ | 7.08 | |
| 28 Vpc | - | - | 6.07 | |
| 30 V _{DC} | - | - | 5.67 | А |
| 36 Vbc | - | - | 4.72 | |
| 48 V _{DC} | - | - | 3.54 | |
| 54 V _{DC} | - | - | 3.15 | |
| See output power de-rating curves below | | | | |
| 90 - 264 V _{AC} | | | 10.5 | 0/1/ |
| Load Regulation 10 – 100 % rated load | - | - | ±0.5 | %Vout |
| Line Regulation Full load | | | ±0.2 | %Vout |
| V_{AC} : 90 – 264 V_{RMS} | - | - | ±0.2 | 70 V OUT |
| Transient Response25% load changes at 1 A/μs | | | | |
| 12 V _{DC} at 2200 μ F Load / I _{OUT} > 0.5 A | _ | _ | ±5 | %Vout |
| 24 V_{DC} at 1000 μ F Load / I _{OUT} > 0.5 A | | | | /00000 |
| 48 V _{DC} at 560 μF Load / I _{OUT} > 0.5 A | | | | |
| Ripple and Noise12, 15 V _{DC} | - | - | 150 | |
| 24, 28, 30, 36, 48, 54 V _{DC} | - | - | 200 | mV |
| Peak-to-peak, 20 MHz BW. 100 nF ceramic | | | | |
| and 10 µF electrolytic caps at the load | | | | 0/11 |
| Turn-on Overshoot | - | - | TBV | %V _{OUT} |
| Hold-up Time At 115 V _{IN} , full load, for all models Minimum Load All models | 10 0 | 12 | - | ms |
| | U | - | - | A |
| Maximum Load Capacitance At nominal V _{IN} , 25 °C ambient, max load 12 V _{DC} 12 V _{DC} | | | 6800 | |
| 12 VDC 15 VDC | | | 5360 | |
| 24 V _{DC} | | | 3440 | |
| 24 Vbc 28 Vbc | - | - | 3440 3440 | μF |
| 30 V _{DC} | - | - | 3220 | μι |
| 36 V _{DC} | - | - | 2680 | |
| 48 V _{DC} | | | 2080 | |
| 54 V _{DC} | | | 1560 | |
| Temperature Drift | -0.05 | | +0.05 | %V/°C |





PROTECTION FEATURES

| Specification | Test Conditions / Notes | Min. | Nominal | Max. | Units |
|--------------------------------------------|-----------------------------------------------------------|------|---------|------|--------------------|
| Input Fuse | Time Lag, 3.15 A, 250 V on L1 and L2 | - | 5 | - | А |
| Over Current | At nominal input voltages Hiccup mode, auto-recovering | 125 | 145 | 165 | %I1 _{MAX} |
| Short Circuit | At nominal input voltages Hiccup mode, auto-recovering | - | - | - | |
| Over Voltage | 12 V _{DC} | - | 16 | - | |
| | 15 V _{DC} | - | 20 | - | |
| | 24 V _{DC} | - | 32 | - | V |
| | 28 V _{DC} | - | 35 | - | |
| | 30 V _{DC} | - | 35 | - | |
| | 36 V _{DC} | - | 45 | - | |
| | 48 V _{DC} | - | 55 | - | |
| | 54 V _{DC} | - | 63 | - | |
| | Unit shut down and latch off (AC recycle) | | | | |
| Over Temperature | Hiccup mode, auto-recovering | - | - | - | |
| Isolation Primary-to- Secondary Reinforced | | 4250 | - | - | V _{AC} |
| Isolation Input-to-PE | Basic | 2000 | | | V _{AC} |
| Isolation Output-to-PE | Basic | 2000 | - | - | V _{AC} |

ENVIRONMENTAL SPECIFICATIONS

| Specification | Test Conditions / Notes | Min | Nominal | Max | Units |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|------|---------|
| Operating Temperature Range | Ambient temperature | -40 | - | 80 | °C |
| | Case Temperature (T _c centre of base plate) | -40 | - | 90 | C |
| Storage Temperature Range | | -40 | - | 85 | °C |
| Humidity | RH, Non-condensing Operating | | | 93 | % |
| | Non-operating | - | - | 95 | % |
| Operating Altitude | OVC II | - | - | 5000 | m |
| | OVC III | - | - | 3000 | |
| Shock | Meet MIL-STD-810F Table 516.5, Table 516.5-I 10 |) ms, each ax | is (±X, ±Y, ±Z), 3 t | imes | |
| Vibration | Meet MIL-STD-810F Table 514.5C-VIII, 15÷2000 Hz, X-Y-Z axis, 1 hour each, total 3 l | | | | |
| MTBF | Full Load, 115 V _{AC} , 25 °C ambient GB, MIL-HDBK-217F | 450 | - | - | K hours |
| Useful Life | Within nominal input voltage range, 75% rated load, 40 °C ambient, 100% duty | 26 | - | - | K hours |
| Thermal Considerations | The output power derating curves relevant to forced and free air cooling are herein provided. These curves can be used as a guideline to assess the limit in performance of a power supply once installed in a system providing controlled air flow at a certain input voltage and ambient temperature. Conduction cooling installation thermal performance should be verified and assessed physically in any specific case. | | | | |



ELECTROMAGNETIC COMPATIBILITY (EMC) – EMISSIONS

| Phenomenon | Conditions / Notes | Standard | Equipment Performance Class |
|-----------------------------------------|------------------------------------------------------------------|--------------------------------------------------------|--------------------------------|
| Conducted | 115 V_{RMS} , 230 V_{RMS} . Maximum load. | EN 55032 (ITE) 47 CFR FCC Part 15 EN 55011 (IMS) | В |
| Radiated | | EN 55032 (ITE) 47 CFR FCC Part 15 EN 55011 (IMS) | В |
| Line Voltage Fluctuation and Flicker | At 2 0%, 50 % and 100 % maximum load. Nominal input voltages. | EN 61000-3-3 | А |
| Harmonic Current Emission | At nominal input voltages | EN 61000-3-2 | A, C, D |

ELECTROMAGNETIC COMPATIBILITY EMC) – IMMUNITY

| Phenomenon | Conditions / Notes | Standard | Test Level | Performance criteria |
|-------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|----------------------|
| | Reference standard for IT equipment: I | EN 55035, EN 61000-6- | 2, EN 61204-3 | |
| ESD | 8 kV air discharge, 4 kV contact, at any point of the system. | EN 61000-4-2 | 3 | А |
| Radiated Field | 10 V/m, 80-1000 MHz, 1 KHz 80% AM | EN 61000-4-3 | 3 | А |
| Electric Fast Transient | ±2 kV on AC power port for 1 minute; ±1 kV on signal/control lines | EN 61000-4-4 | 3 | А |
| Surge | ± 2 kV line to line; ± 4 KV line to earth; on AC power port | EN 61000-4-5 | 3 | A A |
| Conducted RF Immunity | 10 V _{RMS} , 0,15-80 MHz, 1 KHz, 80 % AM | EN 61000-4-6 | 3 | А |
| Dips and Interruptions | 100 – 240 V _{AC} 30% Dip, 10 ms 60% Dip, 100 ms >95% Dip, 5000 5s Interrupts > 95 % for 5 s | EN61000-4-11 EN61000-4-11 EN61000-4-11 EN61000-4-11 | | A A A B |

SAFETY AGENCIES APPROVALS

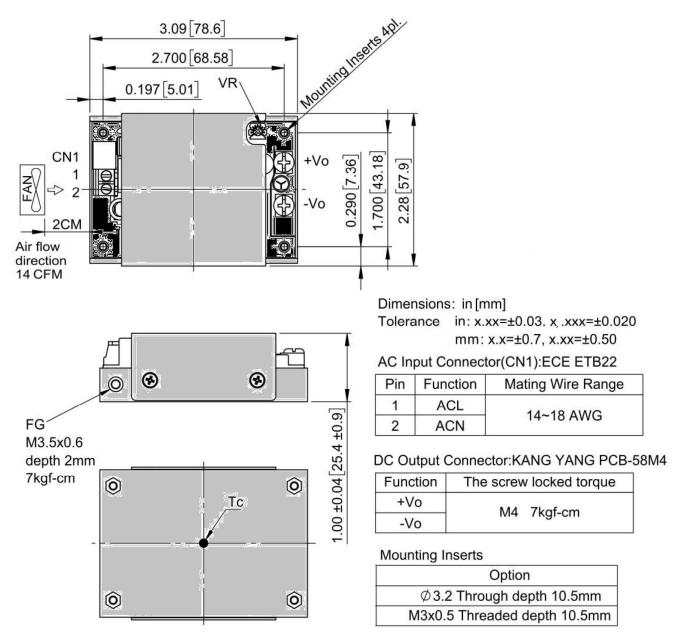
| Certification Body | Safety Standards and file numbers | Category |
|---------------------------|-----------------------------------------------------------------|-----------------------------|
| CSA/UL | UL 63268-1 | Audio Video and Information |
| | 01 03208-1 | Technology Equipment |
| IEC IECEE | IEC/EN 62368-1 | Audio Video and Information |
| CB Certification | | Technology Equipment |
| CE | Directive 2014/35/EU: Electrical Safety: Low Voltage electrical | Audio Video and Information |
| | _equipment (LVD) | Technology Equipment |
| | Directive 2014/30/EU: Electromagnetic Compatibility (EMC) | |
| | Directive EU 2015/863 (RoHS 3) | |



OUTLINE DRAWING AND CONNECTIONS

Overall dimensions: 57.9 x 78.6 x 25.4 mm (2.28 x 3.09 x 1.00 in)

Weight: 195 g (0.43 lb)



Specifications appearing in ENEDO's catalogues and brochures as well as any oral statements are not binding. All descriptions, drawings and other particulars (including dimensions, materials and performance data) given by ENEDO are as accurate as possible but, being given for general information, and are not binding on ENEDO. ENEDO makes thus no representation or warranty as to the accuracy of such material. We assume no liability other than as agreed in the terms of the individual contracts and we reserve the right to make technical modifications in the course of our product development. Our product information solely describes our goods and services and is in no way to be construed or interpreted as a quality or condition guarantee. The aforesaid shall not relieve the customer of its obligation to verify the suitability for ur Products for their products and applications. ENEDO assumes no liability from the use of its products outside of specifications. No license is granted to any intellectual property rights by this document.



REVISION HISTORY

| Date | Originator | Comments |
|------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| May 7 th , 2024 | M. Petritoli | First release |
| July 25 th , 2024 | M. Petritoli | IEC safety installation Class II removed 15, 28, 30, 36 and 54 V variants included together with relevant specifications No load power consumption specified for 48, 54 V variants Immunity std updated to EN 55035 (replacing EN 55024) Immunity against ESD level changed |
| Oct 24 th , 2024 | D. Azzeruoli | Head description change Input minimum voltage updated to 85 V Main Feature and Description chapters updated V_{OUT} adjustment range amended to ±5% |
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| | May 7 th , 2024 July 25 th , 2024 | May 7 th , 2024 M. Petritoli July 25 th , 2024 M. Petritoli |