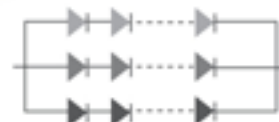


LED Street Light SMPS (For Parallel connected LED's)

FEATURES

- Universal AC input (90VAC up to 305VAC) / Full range.
- Short circuit / Overload / Over voltage / Over temperature Protection.
- Built-in constant current limiting circuit with adjustable OCP (Over Current Protection)level.
- Built-in active PFC function.
- IP 67 design for indoor or outdoor installations.
- Isolated Input - Output.
- Cooling by free air convection.
- Non- electrolytic Capacitor.
- Long life time over 100,000 Hrs.
- Applicable for Dimming system. (0 ~ 10 : Optional)
- Built-in surge protection circuit.

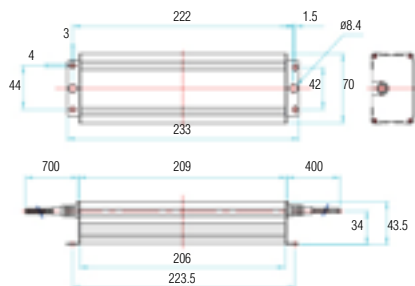


Parallel type

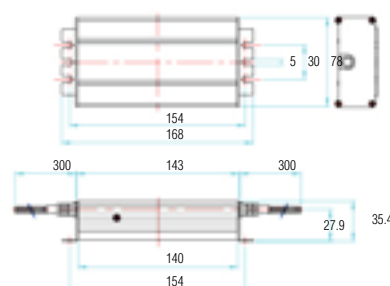
SPECIFICATIONS

| Model Name | ECD 150 Series | ECD 100 Series | ECD 60 Series |
|-----------------------|--|-------------------|---------------------|
| Input Voltage | 90 ~ 305VAC | | |
| Wattage | 150W (130W ~ 150W) | 100W (80W ~ 120W) | 60W (50W ~ 70W) |
| Power Factor | PF ≥0.98 / 115VAC, PF ≥ 0.98 / 220VAC, PF ≥ 0.95 / 277VAC at full load | | |
| Output Current | 4.5 ~ 2.4A | 3.8 ~ 1.6A | 2.2 ~ 1.0A |
| Output Voltage | 30 ~ 56V | 24 ~ 56V | 24 ~ 56V |
| Dimming Signal | 0 ~ 10V | | |
| Efficiency | ≥92% | ≥91% | ≥90% |
| Life Time | 100,000hrs | | |
| Operating Temperature | -40°C ~ 50°C | | |
| Size | 233 × 70 × 43.5(mm) | | 166 × 78 × 35.4(mm) |
| Weight | 970g | | 590g |

DIMENSIONS



ECD 80 ~ 150 series



ECD 60 series