



Features:

- Design for LED driving circuit,
- Small Size with 28.2 (Length)* 22.2mm (Width) * 19.2mm (Height)
- Self adapting output voltage to suit for wide range Vf LED (Vf = 3..2V).
- Input voltage DC 7-24V / AC 7-21V
- Constant output current
- Output short circuit protection
- Self over temperature protection
- High conversion efficient (up to 90%)
- IP65 Design for indoor or outdoor installations.
- Weight 14g approximate

Maximum Rating:

| Parameter | Symbol | Value | Units |
|-----------------------------|-----------|-------------|-------|
| Supply Voltage | V_{in} | 24VDC/21VAC | V |
| Max Operation Current | I_{max} | 1 | A |
| Operation Temperature Range | T_{op} | -10 to 50 | °C |
| Storage Temperature | T_{stg} | -20 to 85 | °C |

Electrical Characteristics -- DC (@TA=25°C):

| PN. | Input (V) DC | | | Output (V) DC ** Note1 ** | | Constant Current (mA) |
|--------------|--------------|-----|-----|------------------------------|-----|-----------------------|
| | Min | Typ | Max | Min | Max | |
| OECCDD01-300 | 7 | -- | 24 | 3 | 21 | 300 |
| OECCDD01-350 | 7 | -- | 24 | 3 | 21 | 350 |
| OECCDD01-450 | 7 | -- | 24 | 3 | 21 | 450 |
| OECCDD01-600 | 7 | -- | 24 | 3 | 18 | 600 |
| OECCDD01-700 | 7 | -- | 24 | 3 | 15 | 700 |

Note:

1)Output Voltage \leq Input Voltage - 3V

(depend on loading)



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Knowledge Is Life

AC/DC Constant Current LED Driver OECCDD01-XXX

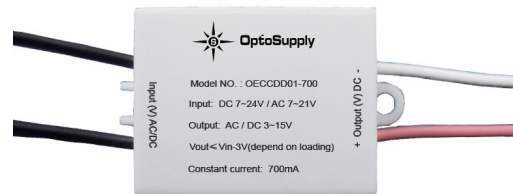
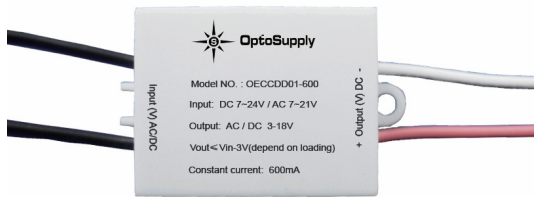
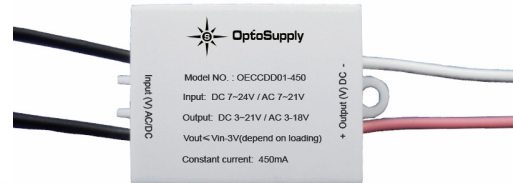
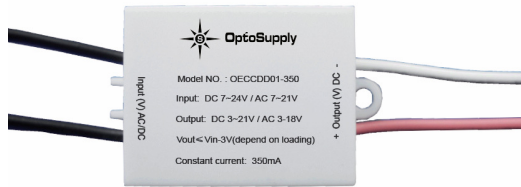
Electrical Characteristics -- AC (@TA=25°C):

| PN. | Input (V) AC | | | Output (V) DC ** Note1 ** | | Constant Current (mA) |
|--------------|--------------|-----|-----|------------------------------|-----|-----------------------|
| | Min | Typ | Max | Min | Max | |
| OECCDD01-300 | 7 | -- | 21 | 3 | 18 | 300 |
| OECCDD01-350 | 7 | -- | 21 | 3 | 18 | 350 |
| OECCDD01-450 | 7 | -- | 21 | 3 | 18 | 450 |
| OECCDD01-600 | 7 | -- | 21 | 3 | 18 | 600 |
| OECCDD01-700 | 7 | -- | 21 | 3 | 15 | 700 |

Note:

1) Output Voltage \leq Input Voltage - 3V

(depend on loading)



AC/DC Constant Current LED Driver OECCDD01-XXX

