

■ Features:

- Constant voltage output
- Protections: Short circuit / Over load
- Designed for indoor signage, decoration or lighting applications
- Small size, light weight, easy installation
- 100% full load burn-in test

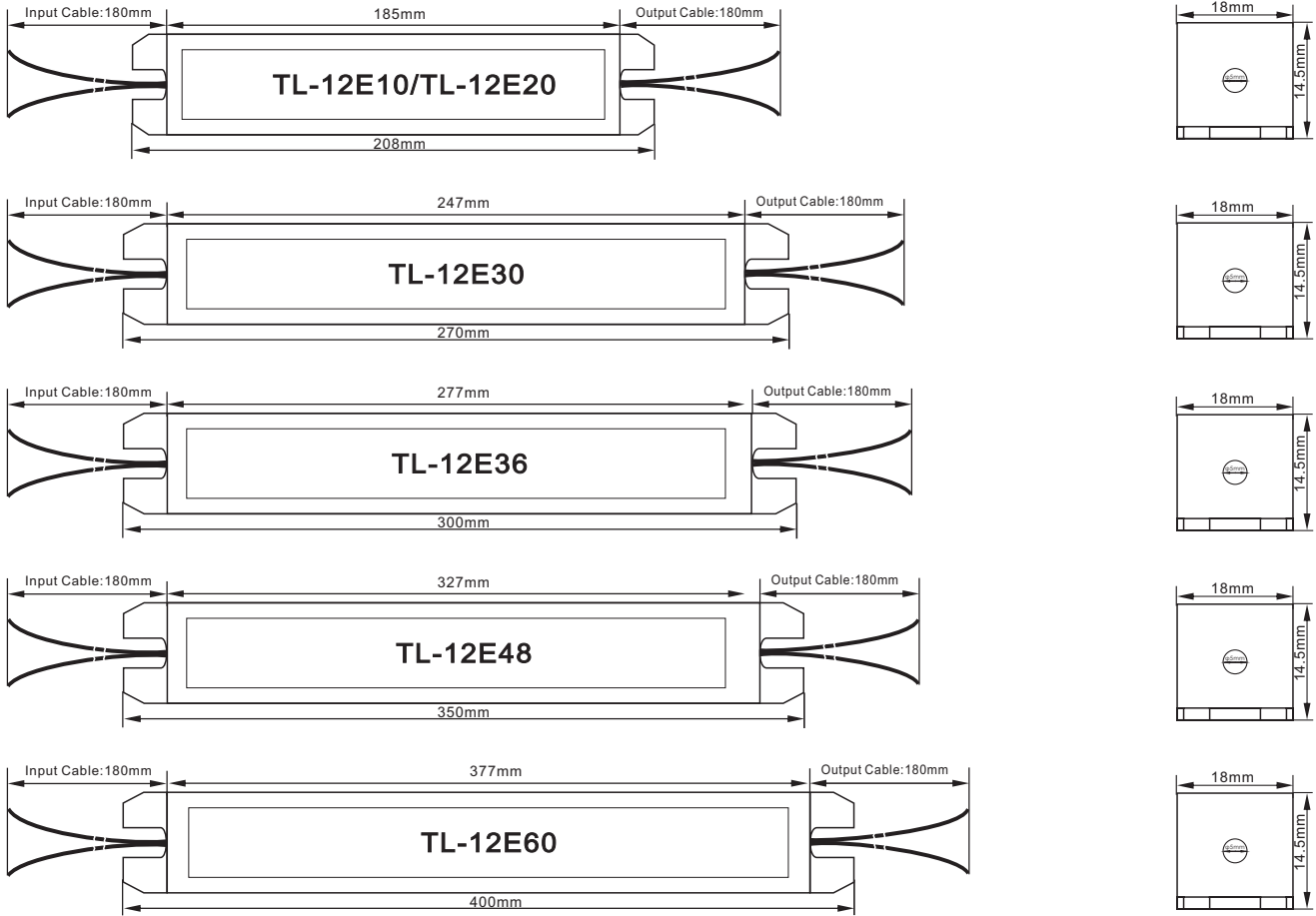


■ Specification:

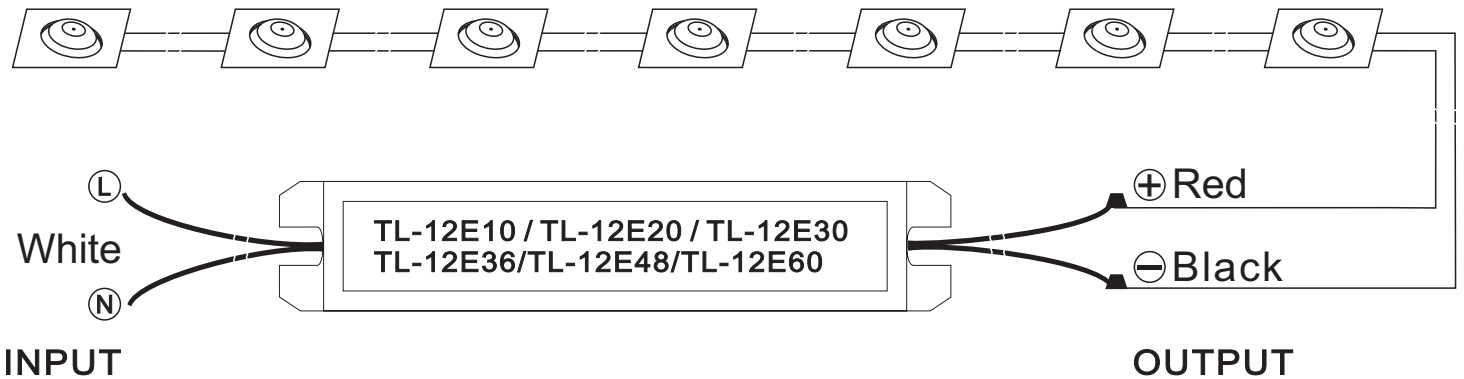
SELV    

| MODEL | | TL-12E10 | TL-12E20 | TL-12E30 | TL-12E36 | TL-12E48 | TL-12E60 |
|--------------|-------------------------|--------------------------------------------------------------------------------------------|----------|-------------|-------------|-------------|-------------|
| OUTPUT | DC Output | 12V | | | | | |
| | Output Current | 0.83A | 1.67A | 2.5A | 3.0A | 4.0A | 5.0A |
| | Voltage Tolerance | ±5% | | | | | |
| | Rated Power | 10W Max. | 20W Max. | 30W Max. | 36W Max. | 48W Max. | 60W Max. |
| | Ripple Noise | 200mV P-P | | | | | |
| | Setup Rise Time | 1000mS@220V | | | | | |
| INPUT | Input Voltage | 180~250V AC | | | | | |
| | Frequency Range | 50/60Hz | | | | | |
| | Efficiency | 80% | 80% | 80% | 80% | 80% | 80% |
| | AC Current | ≤0.09A | ≤0.17A | ≤0.32A | ≤0.40A | ≤0.5A | ≤0.65A |
| | AC inrush current(max.) | 65A@230VAC | | | | | |
| PROTECTION | Over Load | 105%-120% rated power , Protection Type:auto-recovery ,after fault condition is removed | | | | | |
| | Short Circuit | Protection Type:recovery automatically after fault condition is removed | | | | | |
| ENVIRONMENT | Operating Temperature | -25°C ~ +40°C | | | | | |
| | Operating Humidity | 5% ~ 95% | | | | | |
| | Storage Temperature | -35°C ~ +65°C | | | | | |
| SAFETY & EMC | EMC | EN 55015 : 2006+A2 : 2009 ; EN 61547 : 2009 | | | | | |
| | Withstand Voltage | I/P-FG:1.5KV AC I/P-O/P:3.0KV AC | | | | | |
| OTHERS | Dimension(mm) | 214x18x14.5 | | 270x18x14.5 | 300x18x14.5 | 350x18x14.5 | 400x18x14.5 |
| | Packing Dimension(mm) | 250x205x300 | | 315x205x300 | 315x205x300 | 410x305x225 | 445x335x175 |
| | Packing Weight(Kg) | 100PCS/6 | | 100PCS/12 | 100PCS/12 | 100PCS/12 | 100PCS/14 |

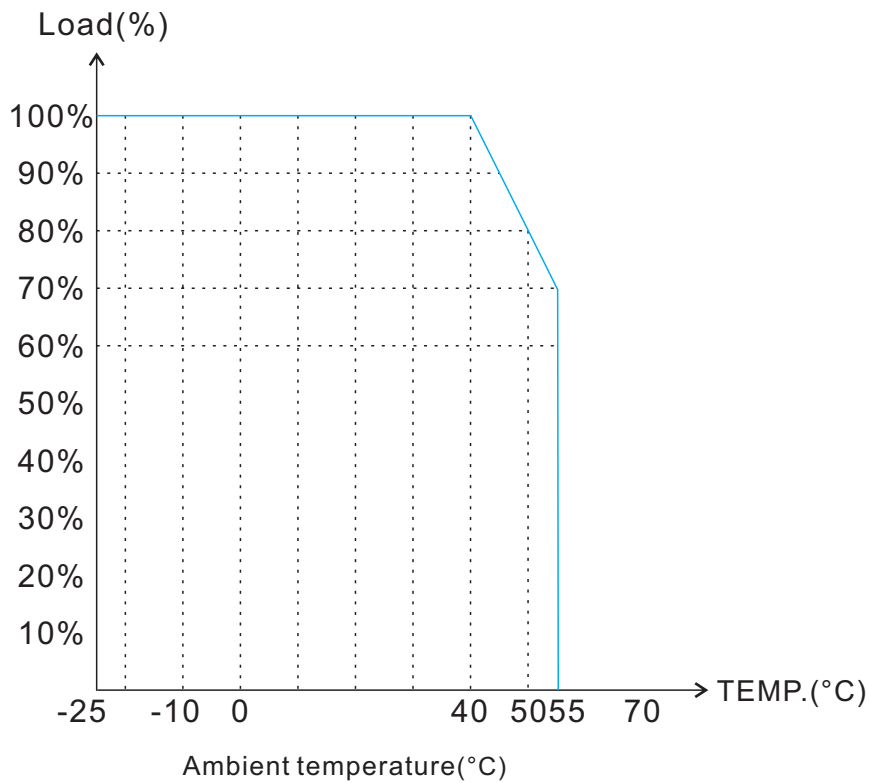
■ Dimension:



■ Wiring Diagram:



■ Derating Curve:



*NOTE: Start-up possible for 220VAC

■ Static Characteristic Curve:

