LINEAGE™ 40W SERIES

Subcompact | Constant Voltage | Non-Dimmable

Yingjiao' s Lineage family of Subcompact Constant Voltage LED Drivers were designed for input voltages 220 through 240VAC and maintains a fully isolated output.
Our small form factor allows easily hidden mounting within a wide variety of applications, while adhering with international safety standards.
We' ve built-in automated; short circuit, over voltage, over current and over temperature protections.
Each driver undergoes rigorous testing, and a full load burn in.

Features

- Subcompact Size
- Class II Power Supply
- IP44 Rated Case With Silicone-Based Potting
- 5 Year Warranty (Minimum at 70°C Tc)
- 90°C Maximum Case Temperature
- Worldwide Safety Approvals

Model Information

Yingjiao Part Number	Input Voltage (Vac)	Output Power Max (W)	Nominal Voltage Output (Vdc)	Iout Max (A)	Safety, EMC Compliance
SLCV-40-12	220-240	40	12	3.3	CE, CB, UKCA
SLCV-40-24	220-240	40	24	1.67	CE, CB, UKCA
SLCV-40-36	220-240	40	36	1.11	CE, CB, UKCA
SLCV-40-48	220-240	40	48	0.83	CE, CB, UKCA

Input

Voltage Range:	220-240V
Frequency Range:	50HZ
Input Current:	0.3 A @ 230 Vac
Power Factor (PF):	>0.9
Inrush Current:	Meets NEMA-410 requirements
Leakage Current:	690 uA @ 230 Vac Measured per IEC60950-1
Efficiency:	>89%
THD:	<20%

Output

Output Voltage:	12V	24V	36V	48V
Output Current:	3.3A	1.67A	1.11A	0.83A
Ripple Range:	⩽5%			
Start-up Time:	<0.5s			

Protection

Over Load Protection:	105 -150% Protection type: Auto Restore
Over Voltage Protection:	105 -130% Protection type: Auto Restore
Short Circuit Protection:	Protection type: Auto Restore
Warranty:	5 Years at Tc 70°C

Environment

Working Temperature	-20°C - +50°C
Working Humidity	20% - 95% RH
Case Temperature (for UL)	+90°C
Case Temperature (for warranty)	+70°C
Relative Humidity	Operating 10 to 90% RH (Non-Condensing) Storage 5 to 95% RH (Non-Condensing)
Environmental Locations	CE Dry & Damp
Storage Temperature	-40°C - +85°C
HSF requirement	Reach, RoHS

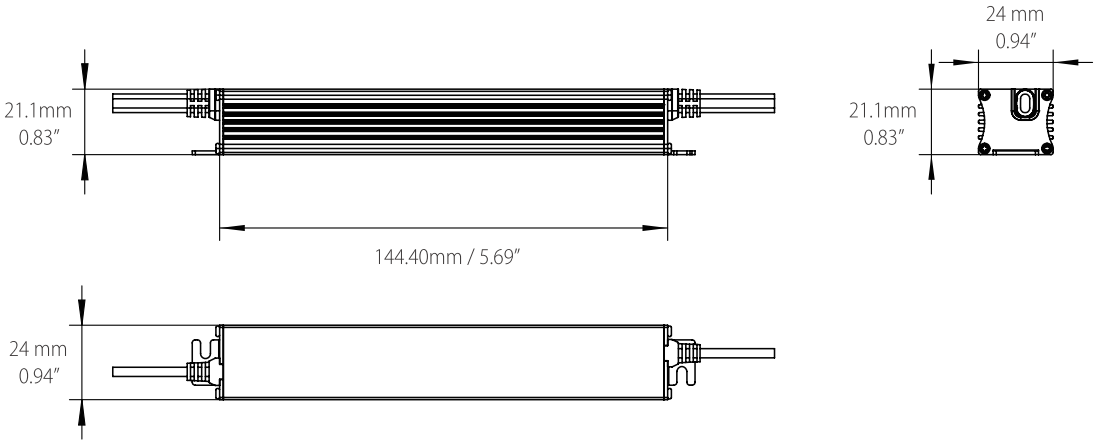
Safety and Electromagnetic Compatibility

Certifications:	CE, CB, UKCA
Safety Standards:	Equipment for Lighting Applications; EN61347-2-13 Lectronic Control Gear for LED Modules
EMI:	Compliant with EN55015 (EMC compliance) at 230 Vac
EMS:	EN 61000-4-2; Performance Criteria B EN 61000-4-5; Performance Criteria C

Dimensions & Weight

Length:	144.4mm / 5.69in
Width:	24mm / 0.94 in
Height:	21.1mm / 0.83 in
Weight:	92g

Spec Drawing



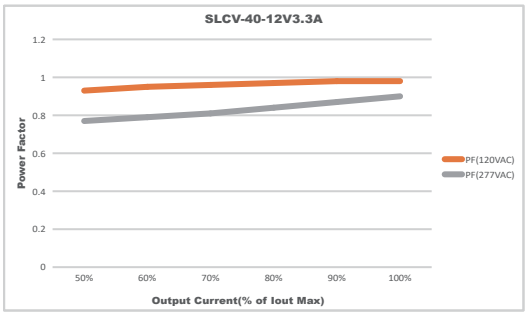
Label

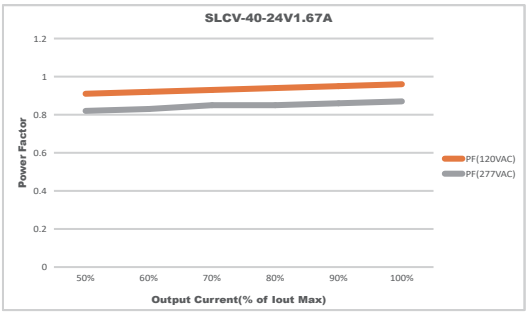
Packing

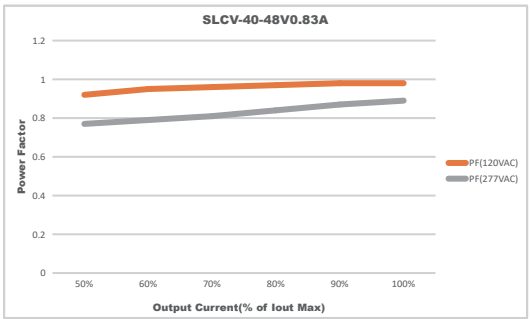
Length x Width x Height:	144.4x 24 x 21.1 mm 5.69 x 0.94 x 0.83 in
Carton Size:	43 x 27.5 x 33 cm 16.93 x 10.83 x 12.99 in
Master Carton Quantities:	100pcs / Carton

Feature Curves

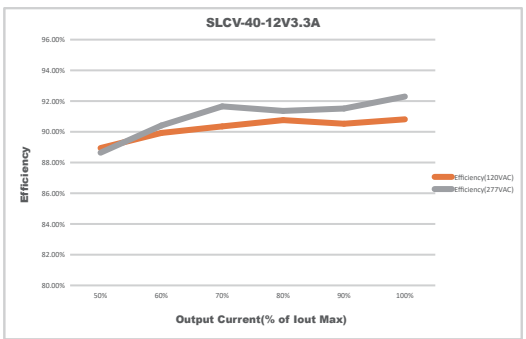
1. PF Curve

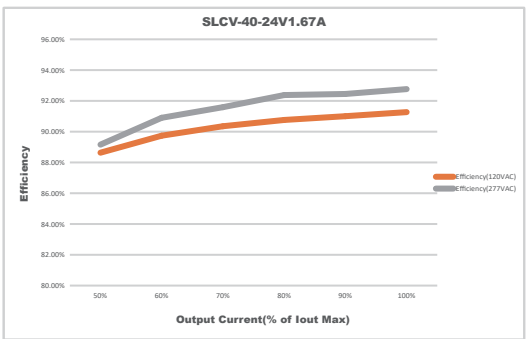




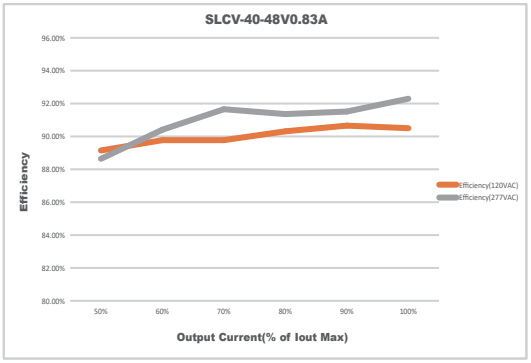


2. Effciency Curve





Feature Curves



3. Driver Lifetime vs. Case Temperature