

NEW

60 Watt

eST60 Series



- ◆ Power Module for PCB Mountable
- ◆ 4: 1 Wide Input Range
- ◆ Smaller Size
- ◆ Regulated Output
- ◆ High Efficiency
- ◆ Remote ON/OFF Control
- ◆ Operating Temperature: -40°C ... +80°C (with derating)
- ◆ CE Approvals
- ◆ 3-Year Warranty

Input Specifications	
Voltage Range	48V - 18-72 VDC
Remote ON/OFF Specifications	
DC-DC ON	Open
DC-DC OFF	When -DC IN and ON/OFF CTL is Short
Output Specifications	
Output Power	60Watt (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	0% (at Full Load)
Line Regulation	±0.5% (LL to HL at Full Load) (typ.)
Load Regulation	±1% (10% to 100% at Full Load) (typ.)
Ripple & Noise (20MHz bandwidth)	12S: 150mV (max.) others: 1 % Vout
Temperature Coefficient	±0.05% /°C (max.)
Short Circuit Protection	Auto-recovery
General Specifications	
Efficiency (see table list)	90%to 91% (typ.)
Isolation Voltage	1600 VDC (min.)
Isolation Resistance	10 ⁹ Ω (Input to Output) (min.)
Operating Temperature	-40°C to +80°C (with Derating)
Storage Temperature	-45°C to +100°C
Humidity	95% RH
Cooling	Free-air Convection
Physical Specifications	
Dimension (Tolerance ±0.5 mm)	52.8 x 27.5 x 13.5 mm 2.08 x 1.08 x 0.53 inches
Weight	Pending
Case Material	Six-side shielded Aluminum with Non-Conductive base, Black Anodize

Model

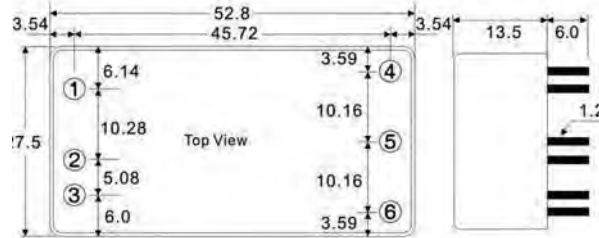
▶▶eST60 Single Output (without Heatsink)

Model & Ordering No	Input Voltage (V.AC)	Output Volgage (V.DC)	Output Current (m.A) max.	Eff (%)
eST60-48-12S	18~72	12	5000	91
eST60-48-15S	18~72	15	3700	90
eST60-48-24S	18~72	24	2350	90

▶▶eST60 Single Output (wit Heatsink)

Model & Ordering No	Input Voltage (V.AC)	Output Volgage (V.DC)	Output Current (m.A) max.	Eff (%)
eST60-48-12S X	18~72	12	5000	91
eST60-48-15S X	18~72	15	4000	90
eST60-48-24S X	18~72	24	2500	90

Outline Dimensions & Pin Connections



- Pin # Single
- ① CTRL
 - ② -DC IN
 - ③ +DC IN
 - ④ -DC OUT
 - ⑤ PIN
 - ⑥ +DC OUT

Tolerance ±0.5 mm

Derating

