

60 Watt

eAES60 Series



- ◆ Open Frame, U Bracket and Enclosed Package
- ◆ Universal Input: 90-264 VAC, 47-63 Hz
- ◆ 5 vov to 48 vov Single Output
- ◆ Ultra Compact Size:
AES600: 4.1 x 2.05 x 1.0 Inches
AES60U & AES60E: 4.13 x 2.28 x 1.5 Inches
- ◆ CE, UL Approvals
- ◆ 3-Year Warranty

Input Specifications	
Voltage Range	90 - 264VAC or 120 - 370 VDC
Frequency	47~63 Hz
Output Specifications	
Output Power	60 Watt (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	1 % (at Full Load)
Line Regulation	± 1 % (LL to HL at Full Load) (typ.)
Load Regulation	± 1 % (5% to 100% at Full Load) (typ.)
Ripple & Noise	<0.2% Vout +40mV (Vp-p) (max.)
(20MHz bandwidth)	<0.5% Vout +50mV (Vp-p) (max.)
Temperature Coefficient	±0.02% / °C (max.)
Short Circuit Protection	Auto recovery
General Specifications	
Efficiency (see table list)	90% to 91% (typ.)
Isolation Voltage	3000 VAC (min.)
Isolation Resistance	10 ⁸ Ω (Input to Output) (min.)
Operating Temperature	-40 °C to +70°C (with Derating)
Storage Temperature	-40°C to +80°C
Humidity	95% RH (max.)
Cooling	Free-air Convection
Physical Specifications	
Dimension (Tolerance ±0.5 mm)	eAES600: 103.9 x 52.1 x 25.4 mm 4.1 x 2.05 x 1.0 inches eAES60U/E: 105.0 x 58.0 x 38.1 mm 4.13 x 2.28 x 1.5 inches
Weight	eAES600: 150 g eAES60U: 240 g eAES60E: 260 g

Model

► eAES600 Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Volgage (V.DC)	Output Current (m.A) max.	Eff (%)
eAES600-5S	90~264	5	10000	82
eAES600-9S	90~264	9	6660	84
eAES600-12S	90~264	12	5000	86
eAES600-15S	90~264	24	4000	86
eAES600-24S	90~264	28	2500	86
eAES600-48S	90~264	48	1250	86

► eAES60U Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Volgage (V.DC)	Output Current (m.A) max.	Eff (%)
eAES60U-5S	90~264	5	10000	82
eAES60U-9S	90~264	9	6660	84
eAES60U-12S	90~264	12	5000	86
eAES60U-15S	90~264	24	4000	86
eAES60U-24S	90~264	28	2500	86
eAES60U-48S	90~264	48	1250	86

► eAES60E Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Volgage (V.DC)	Output Current (m.A) max.	Eff (%)
eAES60E-5S	90~264	5	10000	82
eAES60E-9S	90~264	9	6660	84
eAES60E-12S	90~264	12	5000	86
eAES60E-15S	90~264	24	4000	86
eAES60E-24S	90~264	28	2500	86
eAES60E-48S	90~264	48	1250	86

Derating

