



E-Star Power Development Co., Ltd. (E-STAR)
 1F., No.40, Juren Ln., Sec. 2, Sanmin Rd., Banciao Dist., New Taipei City
 22069, Taiwan (R.O.C.)
 Phone : 886-2-2957 5580 Fax : 886-2-2957 7473

50W Desktop Power Supply <LTE50ES

Main Features:

- Meet CEC efficiency level VI
- Meet DoE/ErP
- Design for Industrial Application, Telecommunication, Network System, DVR (Digital Video Recorder), POE (Power Over Ethernet) Application.



Technical Specification:

Input and Output Specification:

	S2	S3	SW	S4	S5	S7
Input Voltage	90-264 Vac					
Frequency	50 / 60Hz					
Input Current	@115Vac 1.2Arms					
Inrush Current	No components damaged					
Output Voltage	12V	15V	19V	24V	48V	56V
Min Load	0A	0A	0A	0A	0A	0A
Max Load	4.17A	3.34A	2.64A	2.09A	1.05A	0.9A
Output Power	50W	50W	50W	50W	50W	50W
Line Regulation	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
Load Regulation	±5%	±5%	±5%	±5%	±5%	±5%
Ripple & Noise (mVp-p)	240	240	240	240	480	560
Efficiency	>84%	>84%	>84%	>84%	>84%	>84%

Note: 1.Load regulation is tested at 10% to 100% of rated load.

Note: 2.Peak-to-peak for 50W(convection rating)@90Vac MIN.; Measurements with a 20MHz bandwidth and terminated with a 10uF electrolytic Cap.in parallel with a 0.1uF ceramic Cap.

Environment Specification:

Operating Temperature:0-40°C
 Storage Temperature:-40 to 85 °C
 Storage Humidity:5% to 95% RH

Safety and EMC Approval:

UL. c UL. TUV. PSE .BSMI. FCC .CE. CB REPORT

Mechanical Specification:

Dimensions:117.6x50.2x31.6(mm)
 AC INLET : C14 / C8
 Mechanical Drawing:

Protection Specification:

Over Voltage Protection: Latch Off
 Over Load protection: Hiccup/Auto-Recovery
 Short Circuit Protection: Hiccup/Auto-Recovery

