



# JUL-100-24

VER. 3.0.1



## Technical Parameters

Output Characteristics	
Rated Output Voltage	24V
Rated Output Current	0-5A
Rated Output Power	100W
Output Voltage Accuracy	±3% (23.28-24.72V)
Output ripple & noise	≤200mV

Input Characteristics	
Input Voltage Range	90Vac-305Vac
Input Frequency Range	47-63Hz
Input Current	1.5A@100VAC Full Load
Inrush Current (cold start)	FullLoad
Efficiency	91% (typ.)

Environmental Characteristics	
IP Grade	IP68
Humidity	20-95%RH (non- condensing)
Storage Temperature	-40~+85° C
Working Temperature	-40~+50° C






Protective Characteristics	
Over-Temperature Protection	Yes
Over-Voltage Protection	Yes
Short-Circuit Protection	Yes
Over-current Protection	Yes

Other Characteristics	
MTBF	≥50000hrs@Tc=75° C,230Vac
Size	L = 7.55" W = 2.36" H = 1.44"


Safety and EMC	
Safety Standard	IP67; UL8750; FCCpart 15; Class 2 Power Outputs
RoHS	RoHS(2011/65/EU) (EU)2015/863



**Label**

**EVERYLITE**<sup>®</sup> Dare to Shine **100W 24V** SELV RoHS IP68     

**AC-INPUT** **Product:** JUL-100-24 Class 2 power supply  
**Input Rating:** 100-277VAC 50/60 HZ  
 1.5 Amps Max  
**Output Rating:** 24V 4.16A  
**P.F:** 0.95 TYP  
**Ta:** -40°F ~ +122°F | **Tc:** 185°F

**JUL-100-24**  


**Class 2 Power Outputs**  
**Constant Voltage**  
 Class 2 Power Supply  
 Suitable for Dry, Damp, and Wet Locations  
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**DC-OUTPUT**  
 + WHITE ○  
 - BLACK ●

**Drawing**

