

LRS-100-12/24 LED Power Supply 100W

Source: Shopify product specification table for surmountor.myshopify.com

Model LRS-100W-12V LRS-100W-24V Output DC Voltage 12V 24V Rated current 8.5A 4.5A Current range 0~8.5A 0~4.5A Rated Power 102W 108W Ripple & Noise (max.) 120mVp-p 150mVp-p Voltage ADJ. Range 10.2~13.8V 21.6~28.8V Voltage tolerance +/-1% +/-1% Line Regulation +/- 0.5% +/- 0.5% Load Regulation +/- 0.5% +/- 0.5% Setup, rise time 1000ms, 30ms/230VAC 2000ms, 30ms/115VAC at full load Hold up time (Typ.) 30ms/230VAC 12ms/115VAC at full load Input Voltage range 85~264VAC 120~373VDC Frequency range 47~63 Hz Efficiency range (Typ.) 86% 88% AC Current (Typ.) 1.95A/115VAC 1.2A/230VAC Inrush Current (Typ.) Cold start 50A/230VAC Leakage Current <0.75mA/ 240VAC Protection Over Load 110~150% Rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed Over Voltage 13.8~16.2V 28.8~33.6V Protection type: Shut down o/p voltage, re-power on to recover Environment Working Temperature -30~ + 70 ■ Working Humidity 20~ 90% RH non-condensing Storage Temperature, Humidity -40~+85■ , 10~95% RH non-condensing Temperature Coefficient +/- 0.03%■ (0~50■) Vibration 10~500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes Over voltage category ■; Compliance to EN61558, EN50178, N60664-1, EN62477-1; altitude up to 2000 meters Safety & EMC Safety standards UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1/-2-16, CCC GB4943.1, BSMICNS14336-1, EAC TP TC 004, AS/NZS60950.1(by CB) approved EMC emission compliance to EN55032 (CISPR32) Class B, EN55014, EN61000-3-2,-3, GB/T 9254, BSMI CNS13438, EAC TP TC 020 Others Dimension 129*97*30mm (L*W*H) Packing 0.34KG; 40pcs/ 14.6kg/0.92CUFT