

# 108W Desktop Power Supply or Charger



- AC input range selectable by switch
- Protections: Short circuit / Overload / Over voltage / Over temp.
- 3 color LED loading indicator
- Battery under / over voltage and polarity protection (ESC only)
- Cooling by free air convection
- Fixed switching frequency at 25kHz
- 2 years warranty

AC input voltage range ..... 88~132VAC / 176~264VAC selectable by switch

AC inrush current ..... Cold start, 40A at 230VAC

DC adjustment range ..... 13.5V: 12~15V, 27V: 24~30V, 54V: 48~56V

Overload protection ..... 105%~135% fold back current limiting, auto-recovery

Over voltage protection ..... 115%~135% rated output voltage

Setup, rise, hold up time ... 200ms, 100ms, 36ms at full load and 230VAC

Withstand voltage ..... I/P-O/P: 3kVAC, I/P-FG:1.5kVAC, 1minute

Working temperature ..... 0~35°C@100%, -10°C@80%, 60°C@60% load

Safety standards ..... CSA 61010-1 approved

EMC standards ..... EN55022 class B, EN61000-3-2,3  
EN61000-4-2,3,4, ENV50204

Packing ..... 1.38kg ; 8pcs / 12.0kg / 1.1CUFT

| Model No.    | Output      | Tol. | R&N   | Effi. |
|--------------|-------------|------|-------|-------|
| ESC-120-13.5 | 13.5V, 0~8A | ±2%  | 120mV | 81%   |
| ESC-120-27   | 27V, 0~4A   | ±1%  | 150mV | 83%   |
| ESC-120-54   | 54V, 0~2A   | ±1%  | 400mV | 84%   |
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