

## ALL PSU DATA SHEET.

### 108 or 216 Watt ESC / ESP Series. (Desktop Power Supply or Charger)

- Low Cost Bench Top Units.
- High Efficiency/Reliability
- 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage, Over Temp Protection
- Battery Under / Over Voltage & Polarity Protection (ESC Version)
- ESP (Standard Power Supply)
- 3 Colour LED Load Indication
- Full Approvals : CSA / UL / NRTL / CE
- 2 Year Warranty

216 Watt Fan cooled version shown, 108 Watt unit is convection cooled



#### Specification.

Input Voltage	85~132 VAC / 170~264 VAC selected by sw
Frequency	47~63Hz
Inrush current	Cold Start, 35A @ 115/230 VAC
Output Voltage	See Table Below (plus adjustment range)
Over Load Protection	105~135% , Fold Back Auto Recovery ESC Units Have Battery Charger Output.
Over Voltage Protection	115~135% Of Output Voltage
Setup, Rise, Hold up time	200ms, 100ms, 15ms @ Full Load, 230VAC
Withstand Voltage	I/P-O/P : 3KVAC, I/P-FG:1.5KVAC, 1Min
Operating Temperature	0-35°C @ 100%, -10°C=80%, 60°C=60%
Safety Standards	CSA1010, UL3101-1, EN/IEC1010-1,
EMC Standard	EN55022 Class B, EN61000-4-2,3,4, EN61000-3-2,3, ENV50204.

Model	Output	Output Range	Ripple/Noise	Efficiency
<a href="#">ESC-120-13.5</a>	13.5 V / 0-8 A	12~15 Volts	120mV	81%
<a href="#">ESC-120-27</a>	27 V / 0-4 A	24~30 Volts	150mV	83%
<a href="#">ESC-120-54</a>	54 V / 0-2 A	48~56 Volts	400mV	84%
<a href="#">ESP-120-13.5</a>	13.5 V / 0-8 A	12~15 Volts	120mV	81%
<a href="#">ESP-120-27</a>	27 V / 0-4 A	24~30 Volts	150mV	83%
<a href="#">ESP-120-54</a>	54 V / 0-2 A	48~56 Volts	400mV	84%
<a href="#">ESC-240-13.5</a>	13.5 V / 0-16 A	12~15 Volts	120mV	81%
<a href="#">ESC-240-27</a>	27 V / 0-8 A	24~30 Volts	150mV	84%
<a href="#">ESC-240-54</a>	54 V / 0-4 A	48~56 Volts	400mV	85%
<a href="#">ESP-240-13.5</a>	13.5 V / 0-16 A	12~15 Volts	120mV	81%
<a href="#">ESP-240-27</a>	27 V / 0-8 A	24~30 Volts	150mV	84%
<a href="#">ESP-240-54</a>	54 V / 0-4 A	48~56 Volts	400mV	85%

For full specification and mechanical drawing, please contact ALL PSU sales office.  
Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*Further Single Output Enclosed Units Are Available From 10 To 1500 Watt,  
As Power Supplies Or Chargers In Desktop Or Chassis Mount Format .  
Details Of These And Other Power Products Can Be Seen At [www.allpsu.co.uk](http://www.allpsu.co.uk)*

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