



Electronic Solutions Associates  
 803 Stevens Avenue  
 Oldsmar, FL 34677  
 561.226.1309  
 www.esapcsolutions.com

DC-DC Mini Power Supply  
 ATX Model ESA-DA Series

Models:  
 EPS-DA120  
 EPS-DA160  
 EPS-DA200



### Specifications:

- DC input voltage: 12V (9V ~ 18V)
- Typical efficiency:  $\geq 70\%$  (Fully Loaded @ 12Vdc, 25°C)
- Low ripple & noise
- Short circuit protection
- Overload and voltage protection
- Line regulation:  $\pm 1\%$  typical
- Load regulation:  $\pm 5\%$  typical
- Operating/storage temperature: 0°C ~ 45°C / -40°C ~ 50°C
- P/G signal delay: Power On 100 ~ 500ms; Off > 1ms
- MTBF: 100K hrs. typical, at 25°C
- EMC: Regulation CE EMC, FCC Part 15, Class B
- Safety: UL, c-UL, CE LVD
- Dimensions: W81.5 x H40.8 x D150 mm (3.2" x 1.6" x 6")
- Cooling: 40 x 40 (mm) Fan

### ESA-DA120 ~ ESA-DA200 Model Parameters

Size/Cooling	Model	Input	Output (Max)						Total Output
		VDC	+5V	+3.3V	+5V&3.3V W	+12V	-12V	+5VSB	
81.5x40.5x150mm (3.2" x 1.6" x 6") 1 Fan	ESA-DA120	12V	12A	12A	76W	9A	0.5A	2A	120W
	ESA-DA160	12V	15A	14A	76W	12A	0.5A	2A	160W
	ESA-DA200	12V	20A	14A	100W	16A	0.5A	2A	200W



## DC/DC ATX 12V TYPE

### Mechanical Drawing:



