

## ALL PSU DATA SHEET.

### 10 Watt DC-DC, ASD10H Series, (Single or Dual Output).

- Extra Wide 4: 1 Input Range
- Built In EMI Filter
- Isolated Output
- Small 2 x 1" Footprint
- Remote On/Off
- Short Circuit Protection
- Over Load Protection
- Over Voltage Protection
- 100% Burn In Test
- Convection Cooled
- Competitive Prices



Size 51 x 25 x 9.5mm

#### Specification.

Input Range	4:1 Range, 9~36 Or 18-75 Volts DC
Output	Single Or Dual, See Table Below.
Voltage Set Point Accuracy	+/-2% Maximum
Line Regulation	+/-1% Max @ 10~100% Load
Load Regulation	Single O/P +/-1% From 10~100% Load Dual O/P +/-2% From 20~100% Load
Efficiency	71~80% Dependent On Output Voltage
Short Circuit Protection	Continuous, Auto Recovery
Over Voltage Protection	Clamp @ 115~150%
Shutdown Idle Current	15mA
I/P~O/P Isolation Voltage	500 VDC For 9~36 VDC Input Models 1500 VDC For 18~75 VDC Input Models
Operating Temperature	-25~+71°C @ Full Load
Storage Temperature	-40~+125°C
Safety/EMI	Designed To UL1950, EN60950, FCC Part 15J

Model	Input VDC	Output Volts	Output Current	Ripple & Noise
ASD10H-12S3	9~36	3.3	2500mA	100 mV p-p
ASD10H-12S5	9~36	5.0	2000mA	100 mV p-p
ASD10H-12S9	9~36	9.0	1100mA	100 mV p-p
ASD10H-12S12	9~36	12.0	830mA	120 mV p-p
ASD10H-12S15	9~36	15.0	670mA	150 mV p-p
ASD10H-48S3	18~75	3.3	2500mA	100 mV p-p
ASD10H-48S5	18~75	5.0	2000mA	100 mV p-p
ASD10H-48S9	18~75	9.0	1100mA	100 mV p-p
ASD10H-48S12	18~75	12.0	830mA	120 mV p-p
ASD10H-48S15	18~75	15.0	670mA	150 mV p-p
ASD10H-12D5	9~36	Dual +/-5	+/-1000mA	100 mV p-p
ASD10H-12D12	9~36	Dual +/-12	+/-420mA	120 mV p-p
ASD10H-12D15	9~36	Dual +/-15	+/-330mA	150 mV p-p
ASD10H-48D5	18~75	Dual +/-5	+/-1000mA	100 mV p-p
ASD10H-48D12	18~75	Dual +/-12	+/-420mA	120 mV p-p
ASD10H-48D15	18~75	Dual +/-15	+/-330mA	150 mV p-p

For full specification and mechanical details please contact ALL PSU sales office.

Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*Please Visit Us At [www.allpsu.co.uk](http://www.allpsu.co.uk) For Our Full Product Range.*

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