

ALL PSU DATA SHEET.

20 Watt DC-DC, SU20 Series, (Single, Dual or Triple Output).

- * Wide Input Ranges, 9 to 75 Volts
- * Built In EMI Filter
- * Isolated Output 1600 Volts
- * Low Profile Encapsulated 2 x 2" Case.
- * Remote on/off Control
- * Output Trim (Single & Dual Outputs)
- * Short Circuit Protection
- * High Efficiency
- * Hi Reliability 100% Burn In Test
- * Convection Cooled Full Power To 71°C
- * Very Competitive Pricing.



Size 51 x 51 x 11mm

Specification. (typical values shown).

Input Range	2:1 Options 9~18, 18~36, 36~75 Volts DC Extra Wide 10-40 or 18-75 Volts (F Option).
Output	Single, Dual or Triple, See Table Below.
Line Regulation	+/-0.5%, Full Input Range
Load Regulation	Single O/P +/-1% From 10~100% Load
Efficiency	Typically 77 to 87% Dependent On Output Voltage
Short Circuit Protection	Continuous, Auto Recovery
I/P~O/P Isolation Voltage	1600 VDC, All Models
Operating Temperature	-25~+71°C @ Full Load,
Storage Temperature	-55~+105°C
Case Material	Nickel Coated Copper, (Base Plastic).

Single Output Models, (please see next page for Dual & triple output).

Model	Input VDC	Output Volts	Output Current
SU20-12-3.3S	9~18	3.3	4000mA
SU20-12-5S	9~18	5.0	4000mA
SU20-12-12S	9~18	12.0	1670mA
SU20-12-15S	9~18	15.0	1330mA
SU20-12-24S	9~18	24.0	833mA
SU20-24F-3.3S	10~40	3.3	4000mA
SU20-24F-5S	10~40	5.0	4000mA
SU20-24F-12S	10~40	12.0	1670mA
SU20-24F-15S	10~40	15.0	1330mA
SU20-24-3.3S	18~36	3.3	4000mA
SU20-24-5S	18~36	5.0	4000mA
SU20-24-12S	18~36	12.0	1670mA
SU20-24-15S	18~36	15.0	1330mA
SU20-24-24S	18~36	24.0	833mA
SU20-48F-3.3S	18~75	3.3	4000mA
SU20-48F-5S	18~75	5.0	4000mA
SU20-48F-12S	18~75	12.0	1670mA
SU20-48F-15S	18~75	15.0	1330mA
SU20-48-3.3S	36~75	3.3	4000mA
SU20-48-5S	36~75	5.0	4000mA
SU20-48-12S	36~75	12.0	1670mA
SU20-48-15S	36~75	15.0	1330mA
SU20-48-24S	36~75	24.0	833mA

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 See Following Page For 20 Watt Dual And Triple Output Versions.

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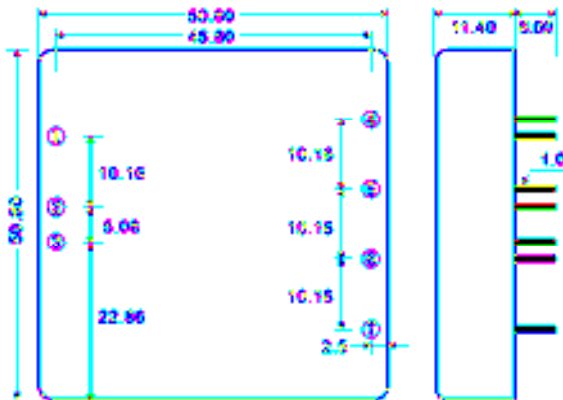
Cont ...20 Watt DC-DC, SU20 Series. (Single, Dual & Triple Output).

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Dual & Triple Output Models, (Please see above for Single output models).

Model	Input VDC	Output 1	Output 2	Output 3
SU20-12-5D	9~18	+5V / 2A	-5V / 2A	
SU20-12-12D	9~18	+12V / 833mA	-12V / 833mA	
SU20-12-15D	9~18	+15V / 660mA	-15V / 660mA	
SU20-24F-5D	10~40	+5V / 2A	-5V / 2A	
SU20-24F-12D	10~40	+12V / 833mA	-12V / 833mA	
SU20-24F-15D	10~40	+15V / 660mA	-15V / 660mA	
SU20-125S12D	9~18	+5V / 2.5A	+12V / 300mA	-12V / 300mA
SU20-125S15D	9~18	+5V / 2.5A	+15V / 200mA	-15V / 200mA
SU20-24-5D	18~36	+5V / 2A	-5V / 2A	
SU20-24-12D	18~36	+12V / 833mA	-12V / 833mA	
SU20-24-15D	18~36	+15V / 660mA	-15V / 660mA	
SU20-48F-5D	18~75	+5v / 2A	-5V / 2A	
SU20-48F-12D	18~75	+12V / 833mA	-12V / 833mA	
SU20-48F-15D	18~75	+15V / 660mA	-15V / 660mA	
SU20-245S12D	18~36	+5V / 2.5A	+12V / 300mA	-12V / 300mA
SU20-245S15D	18~36	+5V / 2.5A	+15V / 200mA	-15V / 200mA
SU20-48-5D	36~75	+5V / 2A	-5V / 2A	
SU20-48-12D	36~75	+12V / 833mA	-12V / 833mA	
SU20-48-15D	36~75	+15V / 660mA	-15V / 660mA	
SU20-485S12D	36~75	+5V / 2.5A	+12V / 300mA	-12V / 300mA
SU20-485S15D	36~75	+5V / 2.5A	+15V / 200mA	-15V / 200mA

Mechanical Drawing and Pin-Out (Top View).



PIN#	Single	Dual	Triple
1	ON / OFF	ON / OFF	ON / OFF
2	-VIN	-VIN	-VIN
3	+VIN	+VIN	+VIN
4	TRIM	TRIM	-VOUT
5	-VOUT	-VOUT	COMMON
6	+VOUT	COMMON	+5V OUT
7	NC	+VOUT	+VOUT

For full specification and mechanical details please contact ALL PSU Sales Office. Specifications may change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*A Full Range Of DC-DC Converters Are Available From 0.5 To 2400 Watts
Please Visit Our Web Site At www.allpsu.co.uk For Details
Or Contact The ALL PSU Sales Office With The Details Of Your Requirement*

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