

ANURA Corporation of America

TESTED

Miniature Switch Mode Power Supply

Highly

Testing

Life

Accelerated

Model **D130SE** 130 Watts output power

Power Factor Correction

Parallel/Redundant Operation

Up to 90% Efficiency

Electrical Specifications

Input Voltage:	90-264 VAC, 47-63 Hz	
Input Current:	<2A RMS @ 115 VAC @ full load <1A RMS @ 230 VAC @ full load	
Inrush Current:	<35A, pk @ 132 VAC @ cold start <75A, pk @ 264 VAC @ cold start	200
Power Factor:	>0.98 @ full load @ 115/230VAC input	
Harmonic Distortion:	Meets EN61000-3-2	Output Dise Times
EMI Filtering:	Meets CISPR 11 and 22 and FCC Part 15	Output Rise Time:
1. 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 19 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	Class B (conducted)	Remote Sense:
Input Protection:	Internal AC line fuse; 250 VAC, 4.0A	AC Power Fail:
Output Power:	Up to 144W with 15CFM air; 80W Convection cooled (consult factory for current ratings)	
Line Regulation:	± 0.3%	Overshoot/Undershoot:
Load Regulation:	± 1% for V1 and V2	
PARD:	Greater of 1% or 50mV	Current Share (option):
	20MHz bandwidth	
Hold-up Time:	>20 ms @ full load	Overvoltage Protect:
Turn-on Delay:	<2 seconds	Short Circuit Protection:
Output Polarity:	See Voltage Chart	Reverse Voltage:
Minimum Load:	7W (Single Output)	Case Power Protection:
	3.5W each (Dual Output)	Efficiency:
Transient Response:	Greater of 150mV or 3% for 25%	MTBF ⁻
	load change @ 1A/µs (V1 and V2)	WIDE.

Available Voltage Outputs*



All outputs are auto recovery

Reverse current up to rated outputs

Standard operation interrupt (hiccup mode)

MIL-STD-HDBK 217E >200,000 hours @ 25°C Highly Accelerated Life Testing

Up to 90%

Dual Output Voltage Codes	Dual Output V1 Voltages (Volts)	Dual Output V1 Currents (Amps)	Dual Output V2 Voltages (Volts)	Dual Output V2 Currents (Amps)	Single Output Voltage Codes	Single Output V1 Voltages (Volts)	Single Output V1 Currents (Amps)
-2	3.3	16	3.3	16	-20	3.3	32
-3	5	14	5	14	-30	5	26
-4	12	6	12	6	-40	12	12
-5	15	5	15	5	-50	15	9
-6	24	3	24	3	-60	24	6
-7	28	2.5	28	2.5	-70	28	5
-8	36	2	36	2	-80	36	4
-9	48	1.5	48	1.5	-90	48	3
sult factory for			tities.	- 1 2003 ⁰⁰	Note: Standard Single	e Output Mode	ls are shown b o

Note: Standard Dual Output Models are -34 and -46

PART # STRUCTURE:

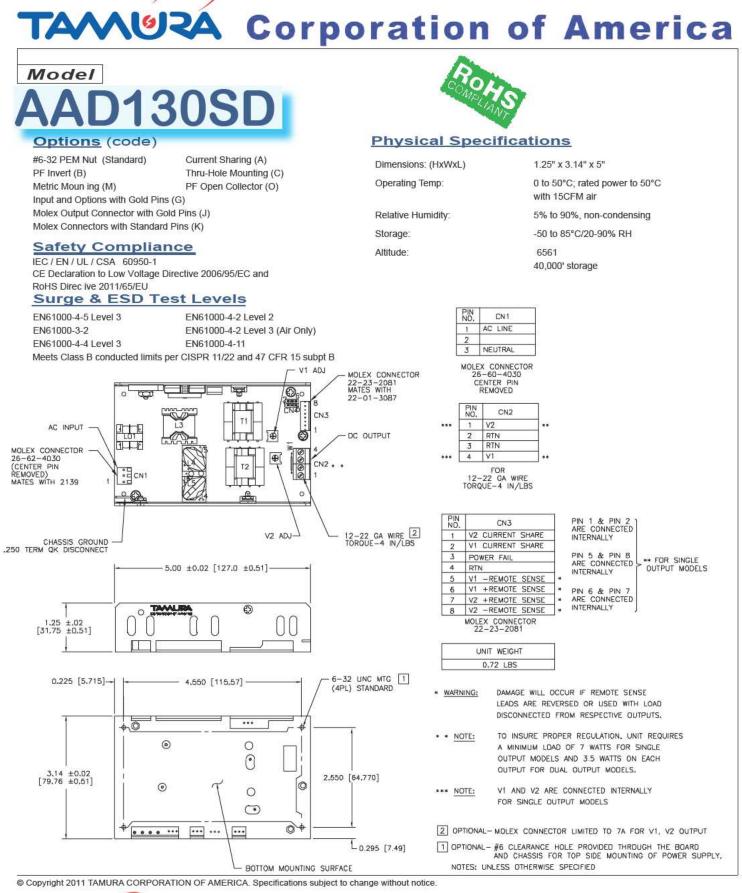
MODEL	-	VOLTAGE CODE	-	OPTION CODES (See back)	
	-	V1	-		

AAD130SD XX ABC

Example1: Part Number AAD130SD-56-AC = 130W Dual Output, Power Factor Corrected, 15V @ 5A and 24V @ 3A with Current Sharing and a Thruhole Chassis.

Example2: Part Number AAD130SD-30-BM = 130W Single Output, Power Factor Corrected, 5V @ 26A with PF Invert and Metric Mounting.

See 3rd page for AAD130SD CODE TABLE AND AVAILABLE OPTIONS.





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PRODUCT CODE TABLE



	I. AAD130SD Configured For Single Output					
Standard Models Tailored Models		Custom Models				
AAD130	SD-VW-YYYY	AAD130SD- 60ZZZ	AAD130SD-61ZZZ			
	+		<u>,</u> ↓,			
	Voltage a	nd Current Ratings	Standard Options			
V W Codes	Volts	Amps	Y Code Description			
			A Current Sharing B PF Invert			
10	Not Available	Not Available	C Through Hole Mounting* G = Input and Option Connectors with Gold			
20	3.3	32.0	Pins J = Molex Output Connector			
30	5.0	26.0	with Gold Pins** K = Molex Output Connector			
40	12.0	12.0	with Standard Pins** M = Metric Mounting* O = PF Open Collector			
50	15.0	9.5	*Pemnut chassis mounting			
60	24.0	6.0	is standard **14A MAX current			
70	28.0	5.0				
80	36.0	4.0	Tailored Units			
90	48.0	3.0	(no safety changes)			
			60ZZZ, where ZZZ = Factory Assigned Number. Harnesses Added, Special test data, Etc			
			Custom Units (safety critical changes)			
			61ZZZ, where ZZZ = Factory Assigned Number			



PRODUCT CODE TABLE



II. AAD130SD Configured For Dual Output Standard Models Tailored Models **Custom Models** AAD130SD-61ZZZ AAD130SD-VW-YYYY AAD130SD-60ZZZ **Standard Options Voltage and Current Ratings** W Channel V Channel V and W **Y** Code Description (V1) Codes (V2) Volts Amps Volts Amps A Current Sharing B PF Invert C Through Hole Mounting* 1 Not Available Not Available G = Input and Option Connectors with Gold Pins 2 3.3 16 3.3 16 J = Molex Output Connector with Gold Pins** 3 5.0 5.0 14 14 K = Molex Output Connector with Standard Pins** 4 12.0 12.0 6 6 M = Metric Mounting* O = PF Open Collector 5 15.0 5 15.0 5 *Pemnut chassis mounting is standard 3 6 24.0 3 24.0 *7A MAX current for V1, V2 outputs 7 2.5 28.0 2.5 28.0 8 36.0 2 36.0 2 **Tailored Units** (no safety changes) 48.0 48.0 9 1.5 1.5 60ZZZ, where ZZZ = Factory Assigned Number. Harnesses Added, Special test data, Etc. **Custom Units** (safety critical changes) 61ZZZ, where ZZZ = Factory Assigned Number