



Features:

- * Universal AC Input Range (90-264 VAC / 47-63Hz)
- * Active PFC for EN61000-3-2 Class D Compliance
- * Small Size - 6.8 x 3.8 x 1.5"
- * Remote Sense, Power Good and Remote on/off Control
- * Optional Top-Mounted Fan Cover
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	90-264 VAC (Universal)
Input Frequency	47-63Hz
Inrush Current	70A Max @ 230 VAC Cold Start
Hold-Up Time	20ms @ 115 VAC / 20ms @ 230 VAC Full Load
Leakage Current	<750 μ A @ 230 VAC
Power Factor	EN61000-3-2 Compliant

General

Efficiency	70-80% minimum
Operating Temperature	0 - 50°C full load, derate 2.5% per °C up to 70°C max.
Storage Temperature	-40°C to +85°C
Cooling	16cfm airflow for full output power, 150 Watts Convection
Temp Co-Efficient	0.04% per °C

Output

Minimum Load	1%
Line Regulation	\pm 0.1% typ.
Load Regulation	\pm 1% max
Ripple & Noise	\pm 1% typ. pk-pk @ 20MHz
Overload Protection	110-135% of max power
OverVoltage Protection	Latching at >130% of nominal
Adjustment	\pm 5%
Transient Response	voltage returns < 500 μ S following a 50% load change

EMC & Safety

Emissions EN55022 "B", FCC Part 15 Subject J Class B

Safety Approvals UL/cUL 60950
EN60950
CB Report (IEC 60950)
CE Mark (LVD)



Model Number

Outputs

APS200RS-3	3.3 V	30A		
APS200RS-5	5V	40A		
APS200RS-12	12V	16.7A		
APS200RS-15	15V	13.3A		
APS200RS-24	24V	8.3A		
APS200RS-28	28V	7.14A		
APS200RS-36	36V	5.55A		
APS200RS-48	48V	4.17A		
APS200RS-56	56V	3.57A		
APS200RD-0512	+5V	15A	+12V	12.5A
APS200RD-0524	+5V	25A	+24V	6.25A
APS200RD-1224	+12V	16.66A	+24V	8.33A

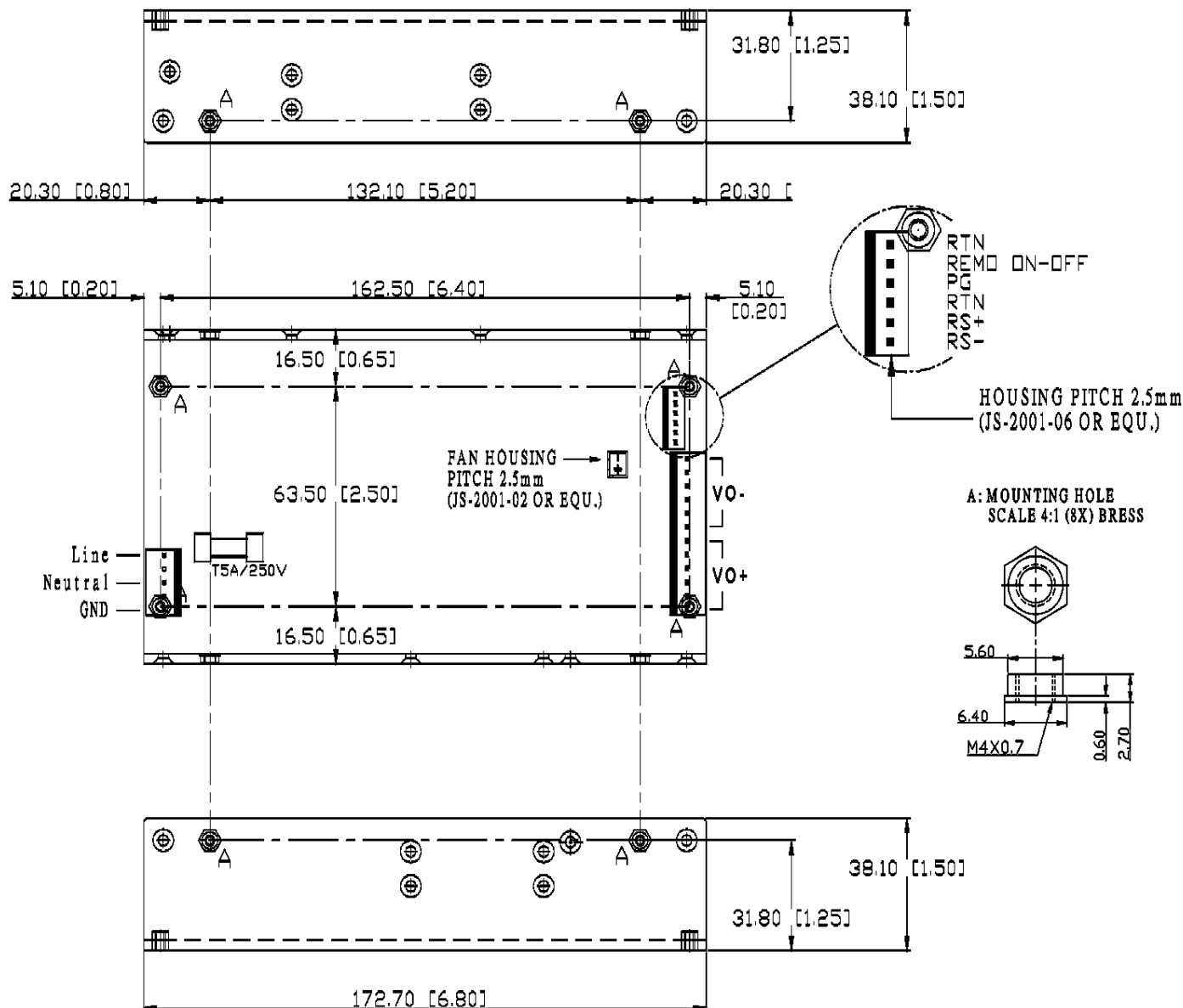
Contact APS for customer specific voltage setpoints.

Power supplies are capable of delivering up to 600 Watt Peak Loads for 500uS.

Options (Add a "-" and the suffix(es) below):

- C = Top Mounted Fan / Cover Option
- LF = RoHS Compliant Model
- T = Replaces Molex Connectors with Terminal Block

Mechanical Details



Notes

WEIGHT: 650g

Mating Connectors:

- Input = Molex Housing 09-91-00500
- Output = Molex Housing 09-91-1200
- Fan = JST Housing XHP-2
- Logic = JST Housing XHP-6