



12HP x 6U x 160mm VME Bus Standard

Features:

- * Universal AC Input (90-264 VAC)
- * Remote Inhibit, Remote Sense & Power Fail Signals
- * 12HP x 6U x 160mm VME Bus Standard
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz (Optional 440Hz)
Inrush Current	32.5A Max @ 230 VAC Cold Start
Input Current	3.7A @ 115 VAC / 1.85A @ 230 VAC Typical
Hold-Up Time	46ms minimum Full Load
Leakage Current	<600 μ A @ 230 VAC
Power Factor	>0.98 typical

General

Efficiency	73-76% typical
Switching Frequency	Fixed (80KHz)
Topology	Fixed Frequency Forward Circuit
Operating Temperature	-25 to 50°C full load, derate 2.5% per °C to 70°C max.
Storage Temperature	-25°C to +85°C
Cooling	45cfm airflow required for full load at 50°C
Temp Co-Efficient	0.03% per °C

Output

Minimum Load	V1 = 20% of Multi-Output models only
Line Regulation	\pm 0.5% typ.
Load Regulation	V1 = \pm 3.0% V2 = \pm 3.0% V3 = \pm 5.0%
Ripple & Noise	\pm 1% typ. pk-pk @ 20MHz
Overload Protection	Protected against short circuit
OverVoltage Protection	V1 Only Latching at >130% of nominal
Adjustment	\pm 10% minimum (v1 & V2 Only)
Transient Response	voltage returns < 3mS following a 25% load change

EMC & Safety

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

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



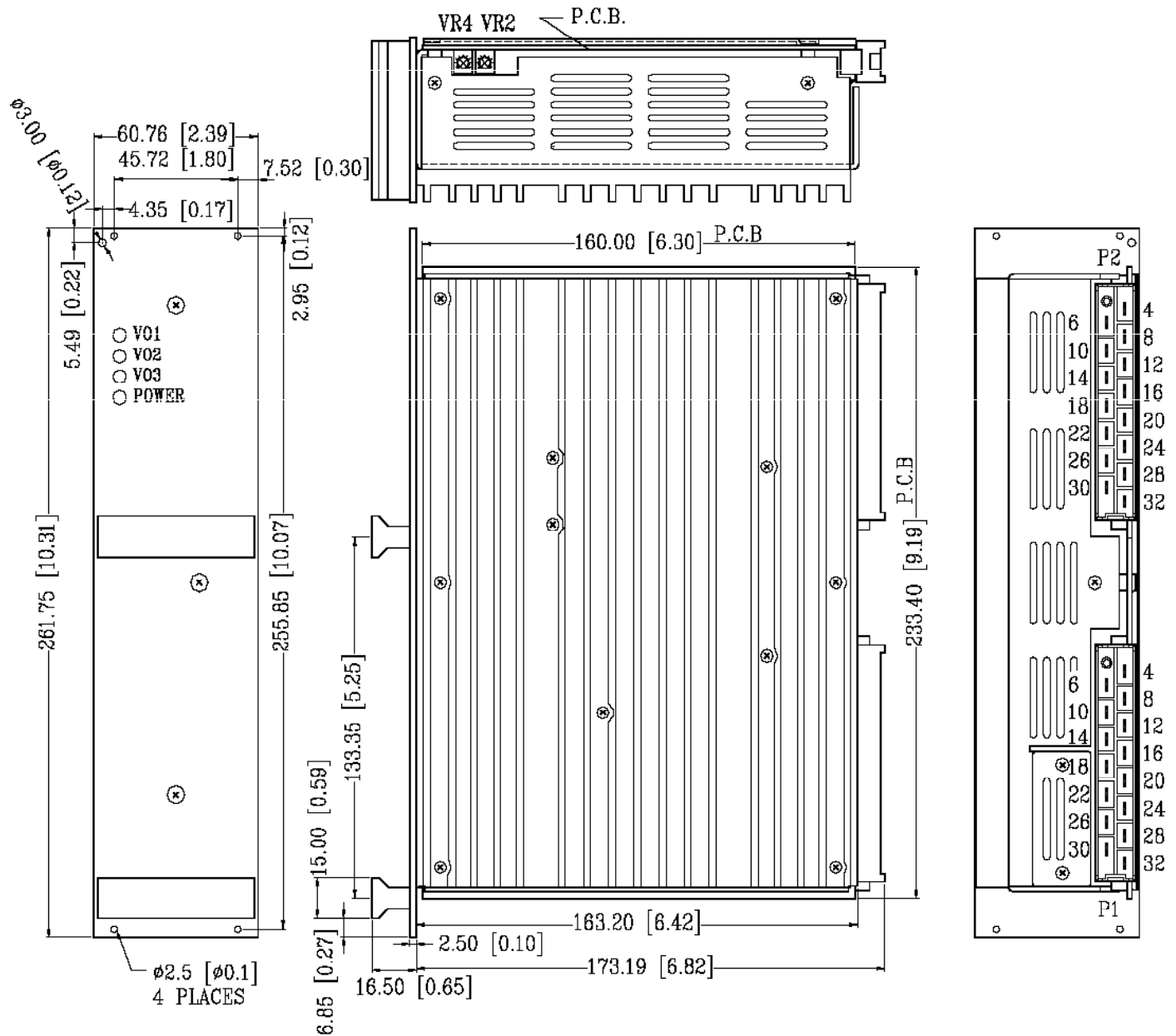
Model Number

APS300PU-T050IE
APS300PU-T050II
APS300PU-T050KK
APS300PU-T050DE
APS300PU-T033EE
APS300PU-T033KK
APS300PU-T033II

Outputs

+5.0V @ 40.0A	+12.0V @ 5.0A	-5.0V @ 5.0A
+5.0V @ 40.0A	+12.0V @ 5.0A	-12.0V @ 5.0A
+5.0V @ 40.0A	+15.0V @ 5.0A	-15.0V @ 5.0A
+5.0V @ 40.0A	+3.3V @ 5.0A	-5.0V @ 5.0A
+3.3V @ 40.0A	+5.0V @ 5.0A	-5.0V @ 5.0A
+3.3V @ 40.0A	+15.0V @ 5.0A	-15.0V @ 5.0A
+3.3V @ 40.0A	+12.0V @ 5.0A	-12.0V @ 5.0A

Mechanical Details



Notes

WEIGHT: 920g

PIN ASSIGNMENTS (P1):

Input (All Models): AC-L = P1-28 | AC-N = P1-30 | AC-G = P1-32
Signals (All Models): Inhibit = P1-8 | Power Fail = P1-4
Single Outputs: +V1 = P2-4,6,8,10,12 | +Sense = P2-14 | -Sense = P2-32
Dual Output Models: +V1 = 4 | -V1 = 6 | +V2 = 8 | -V2 = 10
Triple Output Models: +V1 = 4 & 6 | -V1 = 8 & 10 | +V2 = 12 | -V2 = 14 | +V3 = 16 | -V3 = 18

CONNECTOR: DIN41612 at rear