



10HP x 3U x 160mm VME Bus Standard

Features:

- * Universal AC Input (90-264 VAC)
- * Remote Inhibit, Remote Sense & Power Fail Signals
- * 10HP x 3U 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	32A Max @ 230 VAC Cold Start
Input Current	1A @ 115 VAC / 0.5A @ 230 VAC Typical
Hold-Up Time	20ms minimum Full Load
Leakage Current	<400 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	Convection
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 1.0% V2 = \pm 2.0% V3 = \pm 3.0%
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)



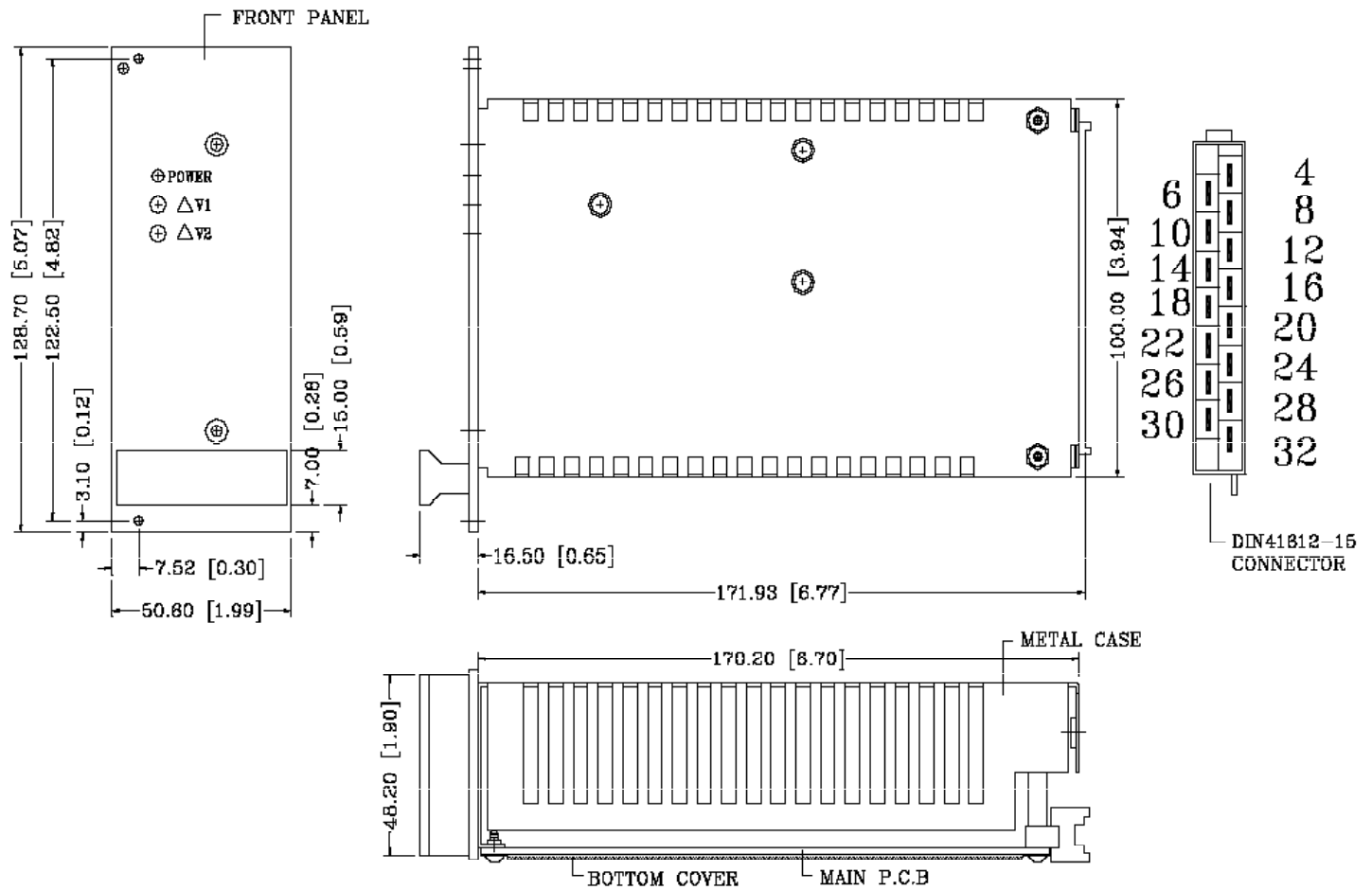
Model Number

APS100PU-033250
 APS100PU-050200
 APS100PU-120080
 APS100PU-150075
 APS100PU-240042
 APS100PU-280036
 APS100PU-360028
 APS100PU-480021
 APS100PUD-050I
 APS100PUD-120I
 APS100PUD-050K
 APS100PUD-150K
 APS100PUD-033I
 APS100PUD-033K
 APS100PUT-050IE
 APS100PUT-050KK
 APS100PUT-050II
 APS100PUT-033EI
 APS100PUT-033KK
 APS100PUT-033II

Outputs

3.3V @ 25.0A
 5.0V @ 20.0A
 12.0V @ 8.0A
 15.0V @ 7.5A
 24.0V @ 4.2A
 28.0V @ 3.6A
 36.0V @ 2.8A
 48.0V @ 2.1A
 5.0V @ 8.0A
 12.0V @ 4.2A
 5.0V @ 8.0A
 15.0V @ 3.4A
 3.3V @ 11.0A
 3.3V @ 11.0A
 5.0V @ 7.0A
 5.0V @ 7.0A
 5.0V @ 7.0A
 3.3V @ 11.0A
 3.3V @ 10.0A
 3.3V @ 10.0A
 12.0V @ 5.0A
 12.0V @ 4.2A
 15.0V @ 4.0A
 15.0V @ 3.4A
 12.0V @ 5.0A
 15.0V @ 4.0A
 12.0V @ 5.0A
 12.0V @ 5.0A
 5.0V @ 1.0A
 15.0V @ 0.4A
 12.0V @ 0.5A
 12.0V @ 1.0A
 15.0V @ 4.0A
 12.0V @ 0.8A

Mechanical Details



Notes

WEIGHT: 920g

PIN ASSIGNMENTS (P1):

Input (All Models): AC-L = 28 | AC-N = 30 | AC-G = 32
Signals (All Models): Inhibit = 20 | Power Fail = 22
Single Outputs: +V1 = 4 & 6 | +Sense = 8 | -V1 = 12 & 14 | -Sense = 10
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