



8HP x 3U x 160mm VME Bus Standard

Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz (Optional 440Hz)
Inrush Current	32A Max @ 230 VAC Cold Start
Input Current	0.73A @ 115 VAC / 0.37A @ 230 VAC Typical
Hold-Up Time	41ms @ 115 VAC / 41ms @ 230 VAC Full Load
Leakage Current	<400 μ A @ 230 VAC
Power Factor	>0.98 typical

Output

Minimum Load	n/a
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

Features:

- * Universal AC Input (90-264 VAC)
- * Remote Inhibit, Remote Sense & Power Fail Signals
- * 8HP x 3U x 160mm VME Bus Standard
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

General

Efficiency	73% typical
Switching Frequency	Fixed (72KHz)
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

EMC & Safety



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

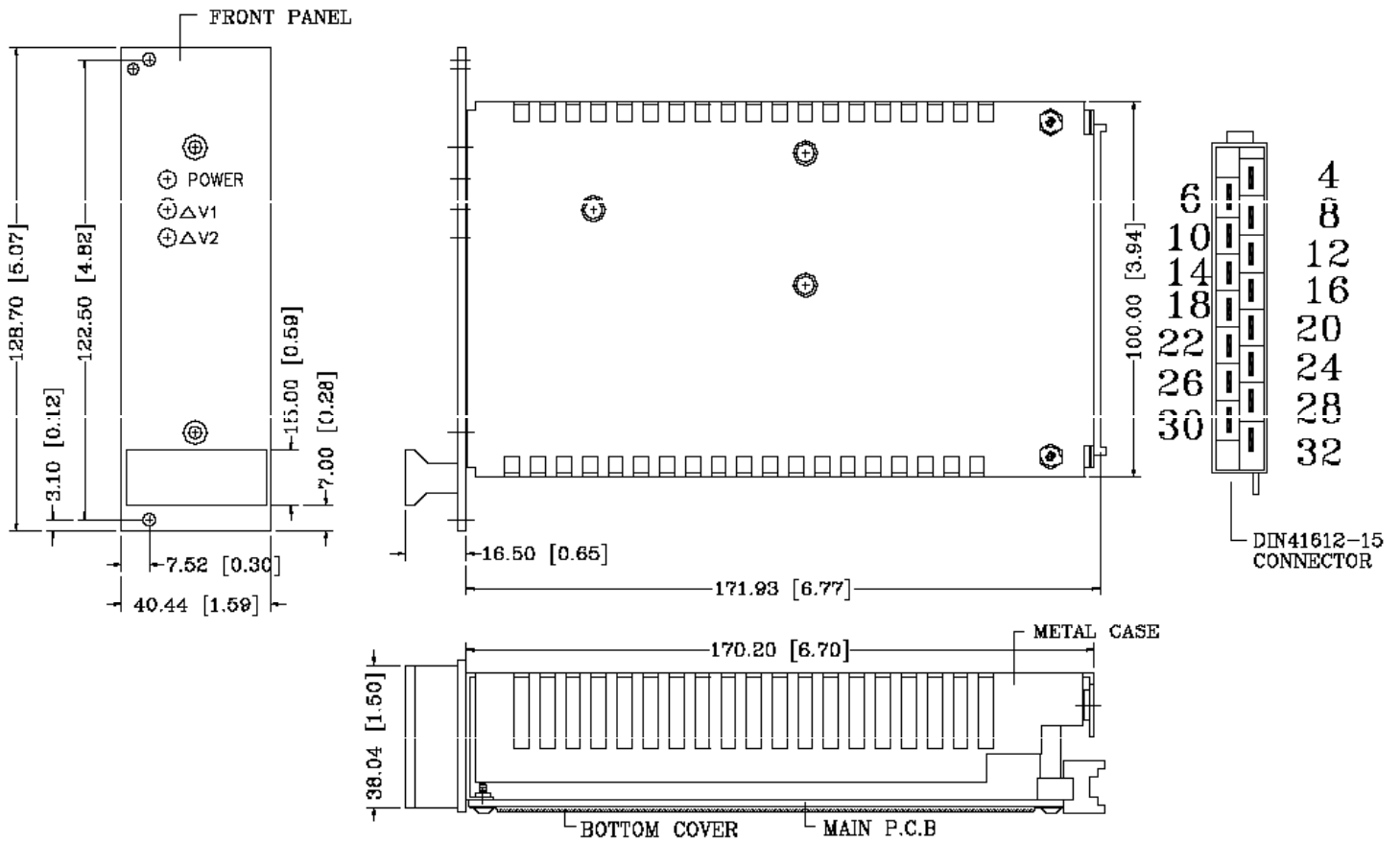
Safety Approvals UL/cUL 60950
EN60950
CE Mark (LVD)

Model Number	Outputs			
APS60PU-025180	2.5V @ 8.0A			
APS60PU-030150	3.0V @ 15.0A			
APS60PU-050120	5.0V @ 12.0A			
APS60PU-060100	6.0V @ 10.0A			
APS60PU-120050	12.0V @ 5.0A			
APS60PU-150040	15.0V @ 4.0A			
APS60PU-190030	19.0V @ 3.0A			
APS60PU-240025	24.0V @ 2.5A			
APS60PU-480013	48.0V @ 1.3A			
APS60PUD-030E	3.0V @ 6.0A	5.0V @ 6.0A		
APS60PUD-030I	3.0V @ 6.0A	12.0V @ 3.0A		
APS60PUD-050I	5.0V @ 5.0A	12.0V @ 3.0A		
APS60PUD-120I	12.0V @ 2.5A	12.0V @ 2.5A		
APS60PUD-050K	5.0V @ 5.0A	15.0V @ 2.5A		
APS60PUD-150K	15.0V @ 2.0A	15.0V @ 2.0A		
APS60PUD-050M	5.0V @ 5.0A	24.0V @ 1.5A		
APS60PUD-040M	4.0V @ 1.4A	24.0V @ 1.4A		
APS60PUT-050IE	5.0V @ 5.0A	12.0V @ 2.5A	5.0V @ 1.0A	
APS60PUT-050KK	5.0V @ 5.0A	15.0V @ 2.0A	15.0V @ 0.5A	
APS60PUT-050II	5.0V @ 5.0A	12.0V @ 2.5A	12.0V @ 0.5A	
APS60PUT-030EI	3.0V @ 6.0A	5.0V @ 5.0A	12.0V @ 1.0A	
APS60PUT-030KK	3.0V @ 6.0A	15.0V @ 2.0A	15.0V @ 0.5A	
APS60PUT-030II	3.0V @ 6.0A	12.0V @ 2.5A	12.0V @ 0.6A	



All Advanced Power Solutions (APS) products will be RoHS compliant. Products that are compliant will bear the suffix "-LF" in their part number. APS will continue to ship non-RoHS product until all inventory has been consumed unless customer's have specifically ordered the parts with the "-LF" suffix.

Mechanical Specifications:



WEIGHT: 720g

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