



12.72 x 4.13 x 2.79"

Features:

- * Universal AC Input (90-264 VAC)
- * Hot-Swappable / N+1 Redundant with Active Current Share
- * Fan Fail, Remote Inhibit, Remote Sense & Power Fail Signals
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage	90-264 VAC
Input Frequency	47-63Hz
Inrush Current	<30A Max @ 230 VAC Cold Start
Input Current	5.8A @ 115 VAC / 2.6A @ 230 VAC Typical
Hold-Up Time	>7.2ms @ 115VAC / >35ms @ 230VAC
Leakage Current	<500 μ A @ 230 VAC
Power Factor	0.92 - 0.98

General

Efficiency	65-70% typical
Switching Frequency	Fixed (56KHz)
Topology	PWM Fixed Frequency Forward Circuit
Operating Temperature	0 to 50°C full load, derate 2.5% per °C to 70°C max.
Storage Temperature	-25°C to +85°C
Cooling	35 cfm airflow required

Output

Minimum Load	n/a
Line Regulation	\pm 0.1% typ.
Load Regulation	V1 = \pm 1.0%, V2 = \pm 1-2%, V3 = \pm 3%
Ripple & Noise	\pm 1% typ. pk-pk @ 20MHz
Overload Protection	Protected against short circuit
OverVoltage Protection	V1 Only Latching at >124% 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

APS400VP-033850
APS400VP-050700
APS400VP-120300
APS400VP-150250
APS400VP-240160
APS400VP-280140
APS400VP-360110
APS400VP-480085

Outputs

3.3V @ 85.0A
5.0V @ 70.0A
12.0V @ 30.0A
15.0V @ 25.0A
24.0V @ 16.0A
28.0V @ 14.0A
36.0V @ 11.0A
48.0V @ 8.5A

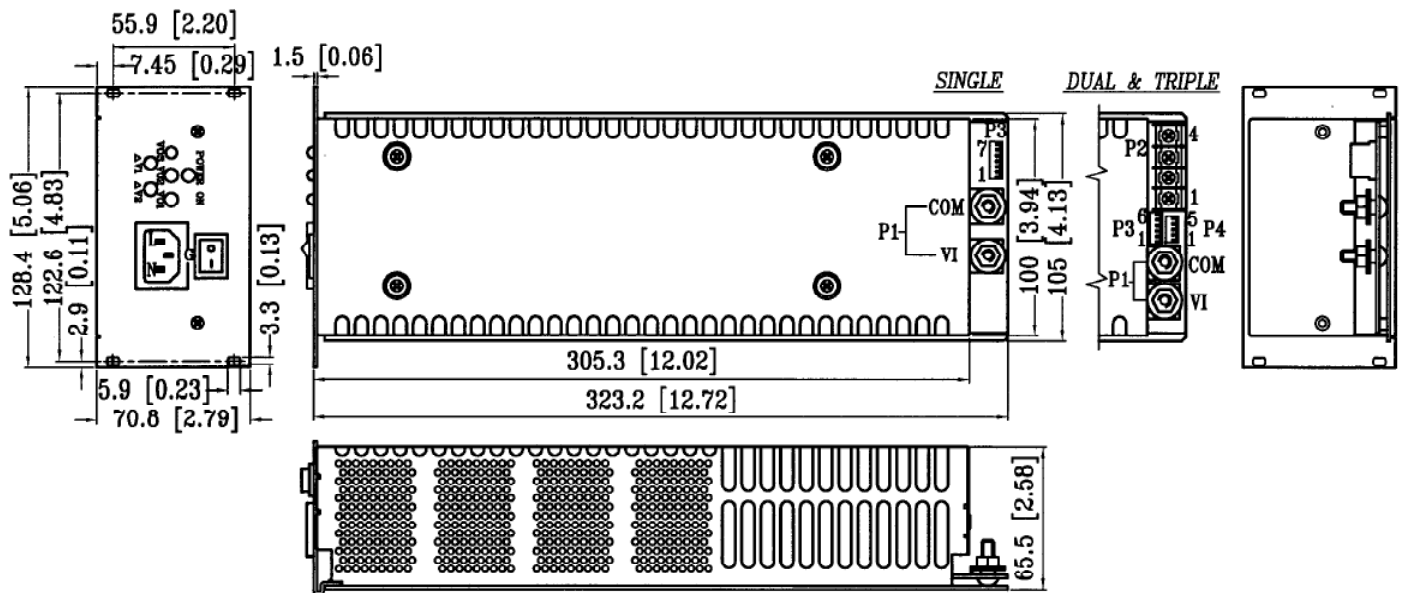
APS400DVP-033E
APS400DVP-033I
APS400DVP-033K
APS400DVP-033M
APS400DVP-050I
APS400DVP-050K
APS400DVP-050M

+3.3V @ 55.0A 5V @ 20.0A
+3.3V @ 55.0A 12V @ 10.0A
+3.3V @ 55.0A 15V @ 8.0A
+3.3V @ 55.0A 24V @ 5.0A
+5.0V @ 70.0A 12V @ 10.0A
+5.0V @ 70.0A 15V @ 8.0A
+5.0V @ 70.0A 24V @ 5.0A

APS400TVP-033EI
APS400TVP-033II
APS400TVP-050DI
APS400TVP-050II
APS400TVP-050IE
APS400TVP-050MI
APS400TVP-050KK

+3.3V @ 70.0A 5.0V @ 25.0A 12.0V @ 3.0A
+3.3V @ 70.0A 12.0V @ 10.0A 12.0V @ 3.0A
+5.0V @ 50.0A 3.3V @ 25.0A 12.0V @ 3.0A
+5.0V @ 50.0A 12.0V @ 10.0A 12.0V @ 3.0A
+5.0V @ 50.0A 12.0V @ 10.0A 5.0V @ 3.0A
+5.0V @ 50.0A 24V @ 5.0A 12.0V @ 3.0A
+5.0V @ 50.0A 15.0V @ 8.0A 15.0V @ 3.0A

Mechanical Details



Notes

WEIGHT: 2.4kg (85Oz)