



Size: 7.48 x 4.17 x 1.97

Features:

- * Universal AC Input (85-264 VAC) / 127-380 VDC
- * Convection Cooled Operation
- * Industry Leading Small Size - Only 7.48 x 4.17 x 1.97"
- * Worldwide Medical Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

| | |
|-----------------|--|
| Input Voltage | 90-264 VAC |
| Input Frequency | 47-63Hz |
| Inrush Current | 20A @ 115 VAC / 40A Max @ 230 VAC Cold Start |
| Input Current | 4A @ 115 VAC / 2A @ 230 VAC Typical |
| Hold-Up Time | 16ms @ 110 VAC Minimum |
| Leakage Current | <750 μ A @ 230 VAC |

General

| | |
|-----------------------|--|
| Efficiency | 70-75% |
| Operating Temperature | 0 to 50°C full load, derate 2.5% per °C to 70°C max. |
| Storage Temperature | -40°C to +85°C |
| Cooling | 5 cfm airflow |
| Temp Co-Efficient | 0.04% per °C |

Output

| | |
|------------------------|-----------------------------|
| Minimum Load | None |
| Line Regulation | \pm 1% maximum. |
| Load Regulation | V1 \pm 1% / V2 = \pm 3% |
| Ripple & Noise | \pm 1% typ. pk-pk @ 20MHz |
| Overload Protection | 105-120% max. power (Latch) |
| OverVoltage Protection | 115- 140% Latch |
| Adjustment | V1 = \pm 10%, V@ is fixed |

EMC & Safety

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950
EN60950
CE Mark (LVD)



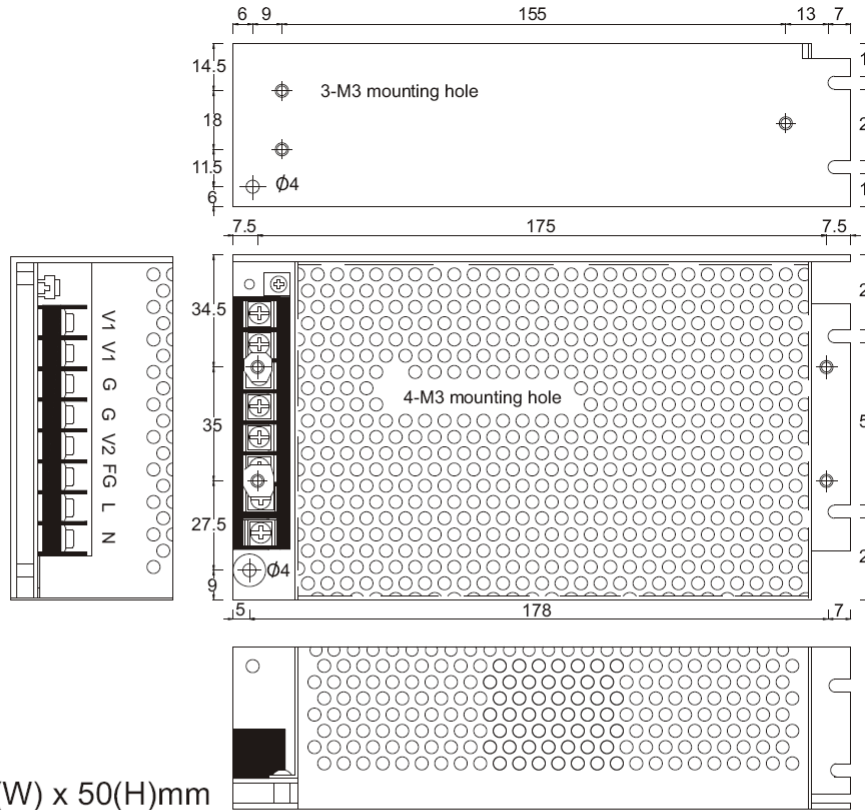
Model Number

Output

| | | |
|--------------|----------------|----------|
| APS225-05C | +5V / 45A | |
| APS320-08C | +8V / 40A | |
| APS320-12C | +12V / 26.6A | |
| APS320-13.5C | +13.5V / 23.7A | |
| APS320-15C | +15V / 21.3A | |
| APS320-24C | +24V / 13.3A | |
| APS320-48C | +48V / 6.7A | |
| APS3201C | +8V / 37.5A | +5V / 3A |
| APS3202C | +12V / 5A | +5V / 3A |
| APS3203C | +15V / 20A | +5V / 3A |
| APS3204C | +24V / 12.5A | +5V / 3A |
| APS3205C | +13.5V / 22A | +5V / 3A |
| APS3501C | +8V / 42A | +5V / 3A |
| APS3502C | +12V / 28A | +5V / 3A |
| APS3503C | +15V / 2.3A | +5V / 3A |
| APS3504C | +24V / 14A | +5V / 3A |
| APS3505C | +13.5V / 25A | +5V / 3A |

Add Suffix "-G" for Gaming Applications (< 500uA Leakage Current & Class A Emissions)

Mechanical Details



190(L) x 106(W) x 50(H)mm

| Pin | Single | Dual | Description |
|-----|--------|------|---|
| 1 | L | L | L : Line Terminal of Input N : Neutral Terminal of Input |
| 2 | N | N | |
| 3 | FG | FG | FG : Ground (Earth) No Polarity At DC Input |
| 4 | NC | V2 | NC : Noconnection G : DC Output Ground Terminal |
| 5,6 | G | G | |
| 7,8 | V1 | V1 | Vx : DC Output Terminal (Specify at spec.) |

Notes