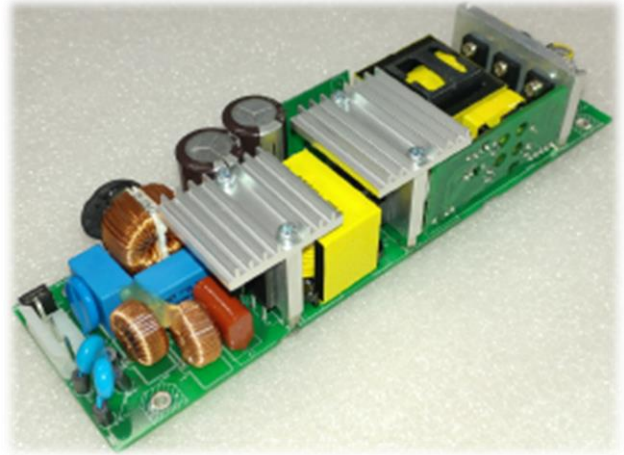


PSU200W-34

34Vdc / 178W Output

Product Features:

- Designed for Audio/Video Equipment Applications
- Universal AC Input
- Active PFC for EN61000-3-2 Class D Compliance
- High Efficiency Operation
- Low cost Open Frame Design
- 178 Watts-Free Air convection cooled(to 45 °C)
(273 Watts Peak for up to 5 Minutes)
- 12V/1.5A Auxiliary Output
- Meets Conducted EMI Class B
- International Safety Approvals



Input Specifications:

VOLTAGE	Universal Ac input(100-240Vac)
FREQUENCY	47-63Hz
INRUSH	<70A @ 240AVC, Full load(Max cold start)
CURRENT	2A @ 240VAC(Max Continuous)
PROTECTION	Single 5A Fuse/250VAC
LEAKAGE	3.5mA Max @ 240VAC
EFFICIENCY	≥88% Typical @240Vac, Full load(34Vout)
POWER FACTOR	>0.98 Typical @240Vac, Full load(34Vout)
Hold-up Time	16ms Minimum(240VAC & Full load)

General Specifications:

OPERATING TEMP.	0°C ~ +45°C (178W)
STORAGE TEMP.	-40°C ~ +85°C
OPERATING HUMIDITY	10% ~ 90% RH (Non-condensing)
STORAGE HUMIDITY	5% ~ 95% RH (Non-condensing)
COOLING	Convection cooling
VIBRATION	10-55Hz, 2G, 3min period/60 min each(3 axes)
SIZE(Inches)	2.204" x 7.677" x 1.535" (56mm x 195mm x 39mm)

Output Specifications:

Voltage	34Vdc(Main), 12Vdc(Auxiliary)
LINE REGULATION	±0.5% Max, across full input
LOAD REGULATION	±0.5% Max, across full load
RIPPLE	1% max (20MHz BW)
SETPOINT ACCURACY	±1%
Over-Current	200~300%(Auto Recovery)
Over Voltage	105~120%(Recycle input to reset)
PROTECTION	

Electromagnetic Compatibility: (TBD)

ELECTROSTATIC DISCHARGE	EN61000-4-2, 4KV Contact/ 8KV Air
RADIATED SUSCEPTIBILITY	EN61000-4-3, 3V/m(1KHz 80% AM)
EFT	EN61000-4-4, 1KV AC Mains
SURGE	EN61000-4-5, 2KV(Line to Gnd)1KV(Line to Neutral)
CONDUCTED IMMUNITY	EN61000-4-6, 3V(1KHz 80% AM)
FIELD IMMUNITY	EN61000-4-8, 1A/m
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction for 0.5 Periods

Status & Control signals:

REMOTE ON/OFF	Remote On/Off active low
---------------	--------------------------

Standards & Approvals: (TBD)

cULus	IEC60065 (Audio/Video Equipment)
CB,CE	IEC60065 (Audio/Video Equipment)
CCC	GB4943-1-2011 & GB8898-2011
ROHS-2 Compliant	Directive 2011/65/EU

PSU200W-34

34Vdc / 178W Output

Output Specifications:

MODEL	V1 OUTPUT			Auxiliary / Standby Output		
	VDC	A(Min)	A(Max)	VDC	A(Min)	A(Max)
PSU200W-34	34V	0.5A	4.7A	12V	0.2A	1.5A

Pin Assignment:

	INPUT			34V Output		12V Output		
Connector P/N	Molex 5096-03C			Molex 35317-0220		Molex 5566-03A3		
Pin number	#1	#2	#5	#1	#2	#1	#2	#3
	Line	Neutral	F.G	+34V	GND	+12V	ON	GND

Outline Drawing:

