

# SynergySeries

## 100V Line Models – Serious 100V Line Power

The Australian Monitor Synergy Series SY400V and SY800V offer contractors a host of practical features and deliver large amounts of power in a space saving high performance package. The SY400V and SY800V are ideally suited to today's complex multi-zone 100v line systems.

### SY400V 2 x 200w at 100v line



### SY800V 2 x 400w at 100V line



# SynergySeries

## Specifications

### SY400V

Output power per channel into 100v line (max load 50 ohms)	200W per channel (both channels driven)
Bridge mode	Not available
Frequency Response	50Hz-30kHz +/-3dB
Distortion	<0.5%
Input Sensitivity	1Vrms
Voltage Gain	100
Signal to Noise	97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Level per channel, Ground Lift
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Net weight	16kg
Shipping weight	18kg
Net Dimensions	87x482x400 HxWxD mm
Shipping dimensions	210x540x520 HxWxD mm

### SY800V

Output power per channel into 100v line (max load 25 ohms)	400W per channel (both channels driven)
Bridge mode	Not available
Frequency Response	50Hz-30kHz +/-3dB
Distortion	<0.5%
Input Sensitivity	1Vrms
Voltage Gain	100
Signal to Noise	97dB
Input Impedance	20kohm
Input clipping	+20dBV
Cooling	Front to Back
Amplifier Indicators	Power, Status(Signal/Clip), Overload, Thermal, Fault
Amplifier Controls	Level per channel, Ground Lift
Amplifier Protection	Current Limiting, DC Protection, mains fuse, DC rail fuses, Slow Start, Thermal Cutout
Net weight	20kg
Shipping weight	22kg
Net Dimensions	87x482x400 HxWxD mm
Shipping dimensions	210x540x520 HxWxD mm

## Features include

- Custom designed, 2RU heavy duty steel chassis.
- Symmetrical layout - even weight distribution.
- High current power supply.
- High efficiency toroidal mains transformer.
- Binding post outputs.
- Dual Channel Operation.
- Balanced inputs and buffered attenuators.
- Signal present indication.
- 1 dB below output clip indication.
- Efficient front to back cooling.
- Dual, twin speed axial fans.
- Multi-role output fault indication.
- Front carry handles.
- Rear rack mount ears.
- Signal ground lift switch.
- Built in limiter circuit.
- High-quality, close-tolerance components.

*The Synergy Series also feature many levels of protection to ensure a reliable and trouble-free installation.*

- Suppression of inrush current at mains turn-on.
- Input muting at turn-on.
- Input overvoltage protection.
- Radio-frequency interference suppression.
- Short-circuit protection and indication.
- High overload mains fuse.
- Internal, independent DC supply rail fuses.