

Powerware® Sola 200/210

100VA to 2.5kVA Portable Power Conditioners



Designed and manufactured in Australia, the Sola 200/210 portable power conditioner provides smooth stepless control of output voltage to your computer or electronic system, whilst attenuating harmful impulses, surges and other power line disturbances.

The Sola 200/210 incorporates improved surge withstand capabilities, as specified by ANSI/IEEE C62.41-1980 and is covered by the SECV Certificate of Suitability Number CS84292V.

SPECIFICATIONS

INPUT

Voltage:	220 or 240 Volt AC
Frequency:	50 Hz
Input Voltage Range:	+ 10%, -20% (±40%)
Protection:	ANSI/IEEE C62.41-1980 A and B waveforms suppressed to safe levels.

OUTPUT

Nominal Voltage:	220 or 240 Volt AC
Frequency:	50 Hz
Voltage Regulation:	±3% for +10%, -20% input. +5%, -8% for ±40% input.
Control:	AC on/off switch

POWER

Efficiency:	90%
Response/ Correction Time:	Return to regulation envelope within 30 msec.
Dynamic Response:	Continuous and smooth correction for input voltage fluctuations.

OVERLOADS

200% of rated load for 10 seconds without damage. 500% of rated load for 10 msec.

ELECTRICAL NOISE ATTENUATION

Transverse Mode:	60 dB typical, (80 dB max.) 4kHz to 20 MHz
Common Mode:	120 dB typical, (140 dB max.) 2kHz to 1 MHz

OUTPUT HARMONIC DISTORTION

Less than 3% THD on linear loads.
No greater than 5% on typical computer loads.

ENVIRONMENTAL

Operating Ambient:	-20°C to +50°C
Relative Humidity:	0 to 95% non-condensing
Ventilation:	Natural Convection Cooled

STATUS INDICATION

Power On:	Amber lamp
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OVERLOAD PROTECTION

Output short circuit protection

WARRANTY

5 years

Built to protect

- Remote computer peripherals
- Copiers and laser printers
- Process control equipment
- CNC machinery
- Programmable logical controls (PLC)
- Photographic equipment
- Entire installations

ORDERING DETAILS

240 VOLT IN/OUT

Rated Output VA	Part Number	Current AMPS (Cont.)	Output Receptacles	Weight (kg)	Enclosure Size (Note 3)
100	200-26-610-00	0.42	1	8	1
150	210-26-615-00	0.63	2	11	2
250	210-26-625-00	1.04	2	15	2
500	210-26-650-00	2.08	2	23	3
1000	210-26-710-00	4.16	3	36	4
2000	210-26-720-00	8.33	3	55	4
2500	210-26-725-00*	10.41	3	66	4

220 VOLT IN/OUT HARDWIRED UNITS

Rated Output VA	Part Number	Current AMPS (Cont.)	Weight (kg)	Enclosure Size (Note 3)
100	200-44-610	0.45	8	1
150	200-44-615	0.68	11	2
250	200-44-625	1.14	15	2
500	200-44-650	2.27	23	3
1000	200-44-710	4.55	36	4
2000	200-44-720	9.09	55	4
2500	200-44-725*	11.36	66	4

Notes:

1. 240 Volt Hardwired options available to order
2. Special voltage configurations available to order
3. Enclosure sizes (mm) Size 1: 130 (H) x 152 (W) x 199 (D)
Size 2: 162 (H) x 192 (W) x 248 (D)
Size 3: 195 (H) x 210 (W) x 328 (D)
Size 4: 252 (H) x 280 (W) x 421 (D)
4. * Input lead fitted with 15 Amp plug top (all other units fitted with 10 Amp plug tops)
5. Specific input leads and output sockets can be fitted to order



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1300 66 24 35