

PS100

Power Supply AC/DC

P/N: 212532



Features

- 100.00W standard AC/DC power supply for worldwide use
- Country-specific AC input cables available

Applications

Suitable for use with notebooks, handheld data capture devices, test and measurement, and other industrial applications.

Specification

Input		
Voltage	100.00 – 240.00VAC ±10%, 50-60Hz	
Current	1.90A max.	
Standby power	< 0.15W @ no load	
Output		
Voltage	20.00VDC ± 5%	
Power	100.00W max.	
Current	5.00A max.	
Protection	Short circuit, over-voltage, over-current, over-temperature	
Environmental		
Ambient temperature	Operation: 0°C to 40°C	Storage: -30°C to 80°C
Pressure & Altitude	1060hPa to 533hPa -382m to 5000m	1060hPa to 533hPa -382m to 5000m
Humidity (non-condensing)	5% to 90% r.H.	5% to 90% r.H.
Mechanical Details		
Housing dimensions (LxWxH)	127 x 51 x 30mm	
Output cable length	1600mm ±50mm	
Weight	325g ± 5%	
AC input socket	IEC 320 C6 Type	
Standard output connector	DC barrel jack, 5.5 x 2.5 x 10mm	
General		
Efficiency	California's Energy Efficiency Level VI	
Cooling	Convection cooled	
Green procurement	RoHS 2011/65/EU + 2015/863/EU REACH 1907/2006 WEEE 2012/19/EU Chinese RoHS	
MTBF	100,000h at 25°C ambient	
Ripple & Noise	380mV (p-p)	
Safety & EMC		
Regulatory approvals	Europe International USA & Canada Australia & New Zealand Russia & Eurasian Customs Union Korea China Japan India Taiwan Thailand Mexico Singapore Argentina South Africa Morocco Israel	EN62368-1 (CE) IEC62368-1 (CB) FCC, cULus RCM EAC KC CCC PSE BIS BSMI TISI NOM Safety Mark IRAM SABS CMIM SII
Electromagnetic Emissions	Europe USA Canada Korea	EN55032, EN55035 FCC15 class B ICES-003 KCC
Electromagnetic Immunity	ESD immunity Electromagnetic field immunity EFT / Burst Surge Conducted Immunity Magnetic Fields Voltage dips	EN/IEC61000-4-2 EN/IEC61000-4-3 EN/IEC61000-4-4 EN/IEC61000-4-5 EN/IEC61000-4-6 EN/IEC61000-4-8 EN/IEC61000-4-11
Energy Efficiency	DOE	

Recommended Accessories

Type	Product	P/N	Application
3-pol AC-Cable	US-Version	210950	Country-specific power cables
	EU-Version	210951	
	UK-Version	211133	
	AU-Version	211134	
	CN-Version	211959	



Germany/HQ

RRC power solutions GmbH

Technologiepark 1
66424 Homburg / Saar

+49 6841 98090
sales@rrc-ps.com

USA

RRC power solutions Inc.

18340 Yorba Linda Blvd.,
Suite 107-437
Yorba Linda, CA 92886

+1 714 777 3604
usa@rrc-ps.com

Hong Kong

RRC power solutions Ltd.

S-V,6/F, Valiant Industrial
Centre 2-12
Au Pui Wan Street
Fo Tan, N.T., Hong Kong

+852 2376 0106
hkrrc@rrc-ps.cn

China

RRC power solutions Ltd.

Room 1306, C Building,
Tianan International Build-
ing, Renmin South Road,
Luohu District, Shenzhen
518021

+86 755 8374 1908
hkrrc@rrc-ps.cn

Vietnam

RRC POWER SOLUTIONS
COMPANY LIMITED

Block C, Lot CN4
Dinh Vu – Cat Hai
Economic Zone,
Dong Hai 2 Ward
Hai An District 180000
Hai Phong City

vietnam@rrc-ps.com