

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

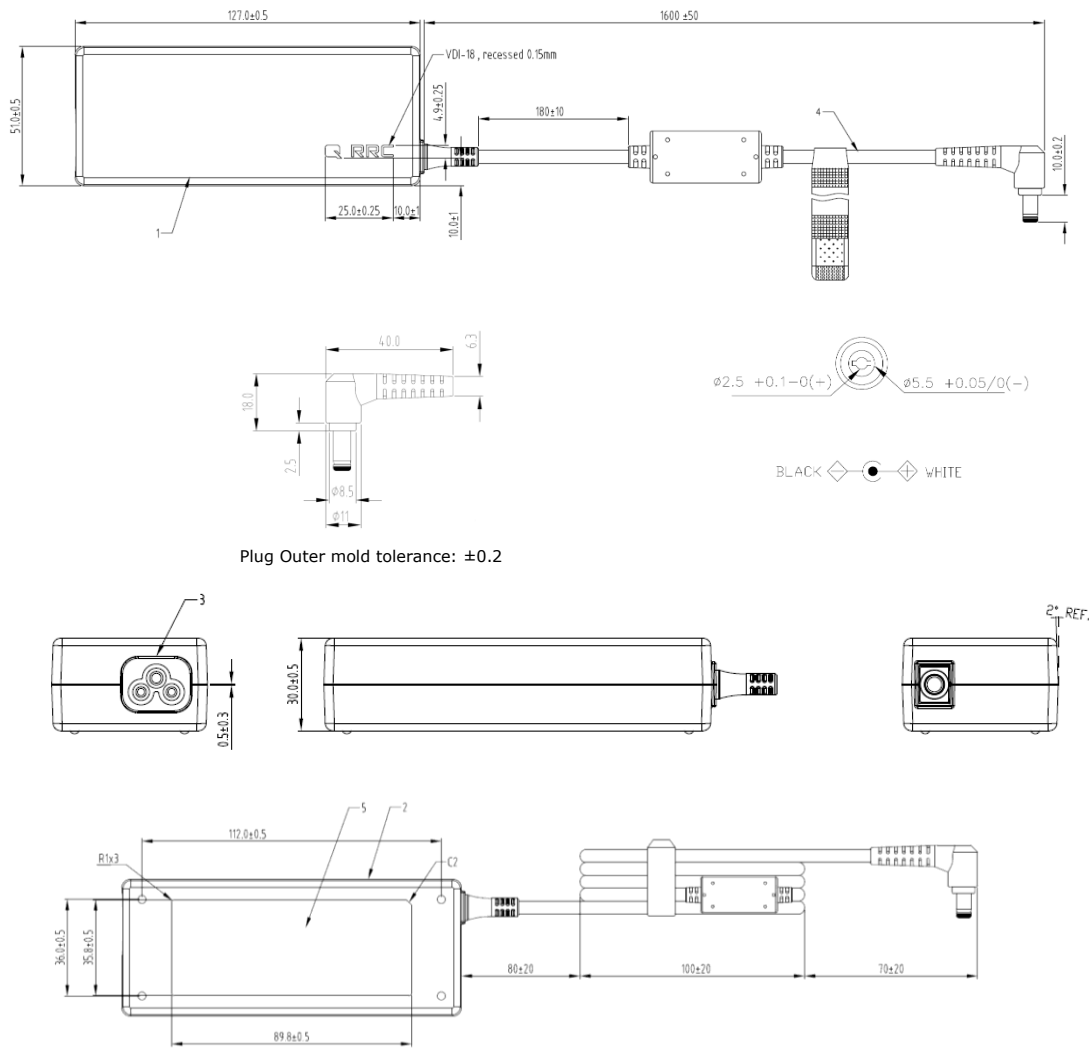
Input		
Voltage	100.00 – 240.00VAC ±10%, 50-60Hz	
Current	1.90A max.	
Standby power	< 0.15W @ no load	
Output		
Voltage	20.00VDC ± 5%	
Power	100.00W max.	
Current	5.00A max.	
Protection	Short circuit, over-voltage, over-current, over-temperature	
Environmental		
Ambient temperature	Operation: 0°C to 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 Natural Resources Canada (NRCan) Energy Efficiency	
Cooling	Convection cooled	
MTBF	100,000h at 25°C ambient	
Ripple & Noise	380mV (p-p)	
IP rating	IP40	
Enclosure material	UL94-V0 PC	
Compliance		
Regulatory approvals	Europe United Kingdom International USA & Canada Australia & New Zealand Russia & Eurasian Customs Union Korea China Japan India Taiwan Thailand Mexico Singapore Argentina South Africa Morocco Israel Malaysia	EN62368-1 (CE) BS EN62368-1 IEC62368-1 (CB) FCC, cULus RCM EAC, EAEU KC CCC PSE BIS BSMI TISI NOM Safety Mark IRAM SABS CMIM SII ST
Material Compliance	Europe USA China	RoHS 2011/65/EU + 2015/863/EU REACH 1907/2006 WEEE 2012/19/EU POP TSCA, PROP65, PFAS Chinese RoHS
Electromagnetic Emissions	Europe United Kingdom USA Canada Korea International	EN55032, Class B BS EN 55032, Class B FCC15 class B ICES-003, Class B KCC CISPR 32, Class B

Electromagnetic Immunity

ESD immunity
Electromagnetic field immunity
EFT / Burst
Surge
Conducted Immunity
Magnetic Fields
Voltage dips
Immunity characteristics

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
EN55035, BS EN 55035, CISPR 35

Drawing



All dimensions are in mm.

Item	Name	Qty	Description
1	Top Case	1	Material:PC, Meets V-0 Flammability, Color - Black, Texture:VDI-27
2	Bottom Case	1	Material:PC, Meets V-0 Flammability, Color - Black, Texture:VDI-27
3	AC Inlet	1	C6 Type, Color - Black
4	DC Cable	1	UL1571 or 11352, 18 AWG, OD=4.0 mm, Color - Black
5	Plug	1	DC power plug, 5.5 mm outer × 2.5 mm inner diameter, Color: black
6	Label	1	Main Label

Length	Tolerance
250	± 0.35
100 - <250	± 0.3
25 - <100	± 0.25
5 - <25	± 0.15
0 - <5	± 0.15

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	USA	Hong Kong	China	Vietnam
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