

PS45

Power Supply AC/DC

P/N: 212721



Features

- 45.00W 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	0.63A max.	
Standby power	< 0.075W @ no load	
Output		
Voltage	19.00VDC ± 5%	
Power	45.00W max.	
Current	2.37A max.	
Protection	Short circuit, over-voltage, over-current, over-temperature	
Environmental		
Ambient temperature	Operation: 0°C to 40°C	Storage: -20°C to 85°C
Pressure & Altitude	1060hPa to 533hPa -382m to 5000m	1060hPa to 533hPa -382m to 15000m
Humidity (non-condensing)	8% to 90% r.H.	5% to 90% r.H.
Mechanical Details		
Housing dimensions (LxWxH)	95 x 40 x 26,5mm	
Output cable length	1600mm ±50mm	
Weight	155g ± 10%	
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, DoE	
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	EN62368-1 (CE)
	United Kingdom	BS EN62368-1
	International	IEC62368-1 (CB)
	USA & Canada	FCC, cULus
	Australia & New Zealand	RCM
	Russia & Eurasian Customs Union	EAC, EAEU
	Korea	KC
	China	CCC
	Japan	PSE
	India	BIS
	Taiwan	BSMI
	Thailand	TISI
	Mexico	NOM
	Singapore	Safety Mark
	Argentina	IRAM
	South Africa	SABS
	Morocco	CMIM
Israel	SII	
Malaysia	ST	
Material Compliance	Europe	RoHS 2011/65/EU + 2015/863/EU REACH 1907/2006 WEEE 2012/19/EU POP
	USA	TSCA, PROP65, PFAS
	China	Chinese RoHS
Electromagnetic Emissions	Europe	EN55032, Class B
	United Kingdom	BS EN 55032, Class B
	USA	FCC15 Class B
	Canada	ICES-003, Class B
	Korea	KCC
	International	CISPR 32, Class B

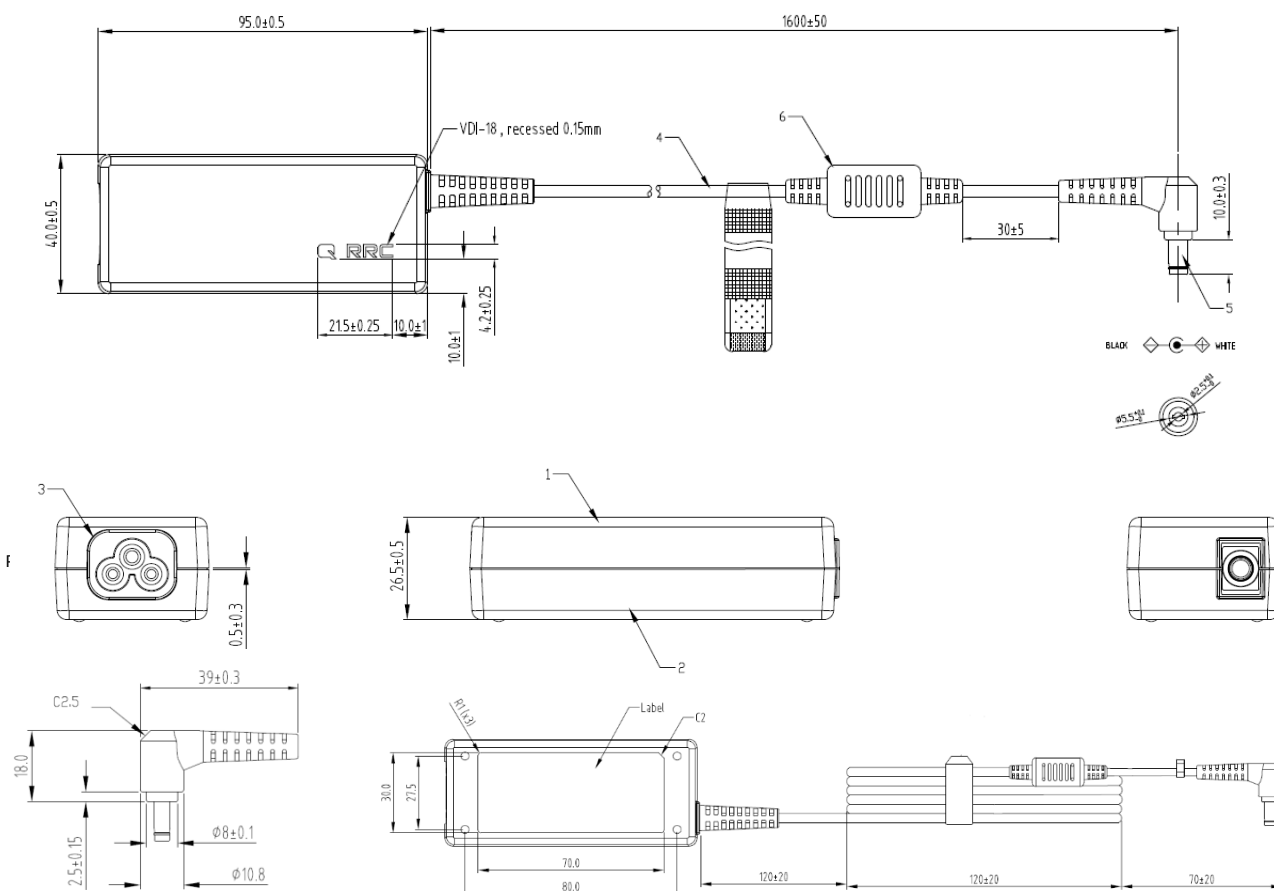
Electromagnetic Immunity

ESD immunity
Electromagnetic field immunity
EFT / Burst
Surge
Conducted Immunity
Magnetic Fields
Voltage dips, short interruptions &
voltage variations
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-33
2	Bottom Case	1	Material:PC, Meets V-0 Flammability, Color - Black, Texture:VDI-33
3	AC Inlet	1	C6 Type, Color - Black
4	DC Cable	1	UL1571 or 11352, V W-1 22 AWG, OD=3.0±0.10 mm, Color - Black
5	Plug	1	DC power plug, 5.5 mm outer x 2.5 mm inner diameter, 3.0 mm fork contact recess, Color: black
6	Core	1	Core with outer diameter 12 mm, inner diameter 4.5 mm, length 23 mm, Color: black.

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	

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