

DH-PFM321-EN/BS/US

DC12V 1A Power Adapter



- Easy installation
- 90–264 VAC wide input voltage range, meet the requirements in different parts for electric network fluctuation
- High quality and reliability: pass 3 months high temperature aging test
- 4KV outdoor lightning protection grade
- Fully Meets ERP.COMMISSION REGULATION (EU)2019/1782 Requirement

Technical Specification

Electrical Specification

Input Voltage Range	90–264 VAC		
Input Plug	2-pin Euro plug	3-pin British plug	2-pin North American plug
Efficiency	80.15% (V)	80.15% (V)	82.96% (DOE VI)
Output Voltage	12 VDC (+7%, –3%)		
Output Current	1 A		
Max. Output Power	12 W		
No Load Power Consumption	< 0.3 W		

Protection/Environmental

Protection	Surge protection, over temperature protection, over current, voltage load protection ESD: IEC61000-4-2 ±6 kV Contact; ±8 kV Air Surge: EN61000-4-5 Combination Wave: Common Mode ±4 kV (12 ohms); Differential Mode ±2 kV (2 ohms)
Working Temperature	–10 °C to +55 °C (–14 °F to +131°F)
Working Humidity	< 90% (RH)

Physical Properties

Weight	0.084 kg (0.19 lb)	0.09 kg (0.20 lb)	0.091 kg (0.20 lb)
Weight	76.5 mm × 73.6 mm × 28.5 mm (3.01" × 2.9" × 1.12")	71.9 mm × 73.6 mm × 49.1 mm (2.83" × 2.9" × 1.93")	83.4 mm × 63.2 mm × 29.3 mm (3.28" × 2.49" × 1.15")
Installation	Wall-mount		
Color	Black		
Input Plug	2-pin Euro plug	3-pin British plug	2-pin North American plug

Outgoing Cord	DC wire: 1,500 mm (59.06"/4.92 ft)
DC Plug	Φ5.5 mm × Φ2.1 mm × 10 mm (Φ0.22" × Φ0.08" × 0.39")

Certifications

Certifications	PFM321-EN/PFM321-BS: CE LVD(EN62368-1:2014) CE EMC(EN55032:2015,EN55035:2017,EN50024:2010+A1:2015,EN61000-3-2:2014,EN61000-3-3:2013) PFM321-US: UL-VI(UL60950-1) FCC(FCC Part 15 Subpart B) DOE(VI)
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Ordering Information

Type	Model	Description
Power	DH-PFM321-EN	DC12V 1A Power Adapter (European standard)
	DH-PFM321-BS	DC12V 1A Power Adapter (British standard)
	DH-PFM321-US	DC12V 1A Power Adapter (North American standard)
	DH-PFM320D-EN	DC12V 1A Power Adapter (European standard)
	DH-PFM320D-BS	DC12V 1A Power Adapter (British standard)
	DH-PFM320D-US	DC12V 1A Power Adapter (North American standard)

Dimensions (mm[inch])

