

# DH-PFM320D-EN/BS/US

## 12V 2A Power Adapter



- Easy installation
- With indicator light working
- Support  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  wide-range temperature operation, and the full load efficiency of the power supply can be up to 100% at these temperatures
- Accurate overcurrent, overvoltage protection
- Fully Meets ERP.COMMISSION REGULATION (EU)2019/1782 Requirement

### Technical Specification

#### Electrical Specification

|        |                            |
|--------|----------------------------|
| Input  | 100–240 V, 50/60 Hz, 0.6 A |
| Output | 12 V, 2 A (+7% , –3%)      |

#### Protection/Environmental

|                     |                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection          | Surge protection, over temperature protection, over current, voltage load protection<br>ESD: EN61000-4-2<br>+/-4 kV Contact; +/-8 kV Air<br>Surge: EN61000-4-5"<br>Combination Wave: Common Mode $\pm 4$ kV (12 ohms);<br>Differential Mode $\pm 2$ kV (2 ohms) |
| Working Temperature | $-30^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ ( $-22^{\circ}\text{F}$ to $+158^{\circ}\text{F}$ )                                                                                                                                                              |
| Working Humidity    | < 95% RH                                                                                                                                                                                                                                                        |

#### Physical Properties

|                   |                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------|
| Weight            | 170 g (0.37 lb)                                                                                            |
| Dimension(Lxwxh)  | 104 mm $\times$ 45 mm $\times$ 33 mm (4.09" $\times$ 1.77" $\times$ 1.30")                                 |
| Installation Mode | Plane installation                                                                                         |
| Color             | Black                                                                                                      |
| Input Plug        | 2-pin Euro plug      3-pin British plug      2-pin North American plug                                     |
| Outgoing Cord     | AC wire: 50 cm (19.69"), DC wire: 80 cm (31.50")                                                           |
| DC Plug           | $\Phi 5.5$ mm $\times$ $\Phi 2.1$ mm $\times$ 12 mm ( $\Phi 0.22$ " $\times$ $\Phi 0.08$ " $\times$ 0.47") |

#### Certifications

|               |                                                                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification | PFM320D-EN/BS:<br>CE LVD(EN62368-1:2014+A11:2017)<br>CE EMC(EN55032:2015,EN61000-3-2:2014,EN61000-3-3:2013,EN55035:2017)<br>PFM320D-US:<br>UL-VI(UL60950-1)<br>FCC(FCC Part 15 Subpart B)<br>DOE(VI)<br>CEC(VI) |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Ordering Information

| Type  | Model         | Description                |
|-------|---------------|----------------------------|
| Power | DH-PFM321D-EN | DC12V 1A Power Adapter     |
|       | DH-PFM321D-BS | DC12V 1A Power Adapter     |
|       | DH-PFM321D-US | DC12V 1A Power Adapter(VI) |
|       | DH-PFM320D-EN | DC12V 2A Power Adapter     |
|       | DH-PFM320D-BS | DC12V 2A Power Adapter     |
|       | DH-PFM320D-US | DC12V 2A Power Adapter(VI) |

Dimensions (mm[inch])

