

FATEK® 您可信賴的品牌

電源供應器



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FATEK® 電源供應器

- 全範圍AC輸入電壓
- 軌道式
- 短路保護
- 高效率
- 高可靠度
- LED Power指示燈
- 外型輕薄短小
- 過電流保護
- 採用雙面版PCB
- 自然冷卻
- 過電壓保護
- 超低輸出連波與雜訊



| | | ADP-12V-1A | ADP-12V-2A | ADP-12V-4A | ADP-12V-7.5A | ADP-15V-6A | ADP-24V-1A | ADP-24V-2A | ADP-24V-3A | ADP-24V-4A | ADP-24V-5A | ADP-24V-6A | | ADP-24V-8A | ADP-24V-10A | | | | | |
|--------------------------------------------------------|------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-------------------------------|-------------------|-----------|----------|-----------|----------|----------|
| 輸入 | 輸入電壓 | 100 - 240 VAC | | | | | | | | | | | | | | | | | | |
| | 輸入電壓範圍 | 90 - 265 VAC (127 - 375 VDC) | | | | | | | | | | 110 - 265 VAC (155 - 375 VDC) | | 180 - 265 VAC (254 - 375 VDC) | | | | | | |
| | 頻率 | 50/60Hz | | | | | | | | | | | | | | | | | | |
| | 最大輸入電流 | 1.0A max. | 1.0A max. | 1.0A max. | 2.5A max. | 2.5A max. | 1.0A max. | 1.0A max. | 2.0A max. | 2.5A max. | 2.5A max. | 3.0A max. | 2.0A max. | 2.5A max. | | | | | | |
| | 湧入電流(冷機啟動) | 22A/110 VAC (44A/220 VAC) | | | | | | | | | | | | | | | | | | |
| 輸出 | 輸出功率 | 12W | 24W | 48W | 90W | 90W | 24W | 48W | 72W | 96W | 120W | 144W | 192W | 240W | | | | | | |
| | 輸出電壓 | 12 VDC | | | | 15 VDC | | | | 24 VDC | | | | | | | | | | |
| | 輸出電流 | 1A | 2A | 4A | 7.5A | 6A | 1A | 2A | 3A | 4A | 5A | 6A | 8A | 10A | | | | | | |
| | 輸出電壓調整範圍 | 11.8-14.2 VDC | | | 11.8-14.2 VDC | | 14.8-18.2 VDC | | 23.6-27.4 VDC | | | 23.6-27.4 VDC | | 23.9-29.2 VDC | | | | | | |
| | 輸出電壓線性調整率 | | | | | | 0.5% | | | | | | | | | | | | | |
| | 輸出電壓負載調整率 | 0.5% | | | 1% | | | 0.5% | | | | 1% | | 0.5% | | 0.6% | 0.7% | | | |
| | 轉換效率 | 80% /110VAC 81% /220 VAC | 81% /110 VAC 82% /220 VAC | 81% /110VAC 84% /220VAC | 84% /110VAC 87% /220VAC | 86% /110VAC 88% /220VAC | 87% /110VAC 86% /220VAC | 86% /110VAC 87% /220VAC | 87% /110VAC 88% /220VAC | 87% /110VAC 90% /220VAC | 87% /110VAC 90% /220VAC | 89% /110VAC 92% /220VAC | 92% | | | | | | | |
| | 輸出雜波 | 15mVp-p* | | | 20mVp-p* | | | 25mVp-p* | | | 15mVp-p* | | 30mVp-p* | | 40mVp-p* | | 66mVp-p* | 15mVp-p* | | |
| | 輸出雜訊 | 40mVp-p* | | | 70mVp-p* | | | 75mVp-p* | | 70mVp-p* | | 15mVp-p* | | 30mVp-p* | | 120mVp-p* | | 100mVp-p* | 35mVp-p* | 40mVp-p* |
| | 維持時間 | >20ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >50ms/ 220 VAC | >20ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >60ms/ 220 VAC | >20ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >60ms/ 220 VAC | >15ms/ 110 VAC >50ms/ 220 VAC | >15ms/ 110 VAC >50ms/ 220 VAC | >10ms/ 110 VAC >45ms/ 220 VAC | >25ms | >20ms | | | | | |
| | 起動時間 | < 85ms | < 85ms | < 90ms | < 140ms | < 170ms | < 150ms | < 175ms | < 150ms | < 180ms | < 180ms | < 120ms | < 460ms | < 420ms | | | | | | |
| | 保護 | 過載保護 | 保護方式 | 折返型限流，降載即自動回復 | | | | | | | | | | | | | | | | |
| | | | 功率範圍 | 110%~140% 額定功率 | 102%~135% 額定功率 | 105%~120% 額定功率 | 106%~110% 額定功率 | 110%~135% 額定功率 | 120%~167% 額定功率 | 104%~136% 額定功率 | 120%~130% 額定功率 | 107%~137% 額定功率 | 105%~110% 額定功率 | 110%~140% 額定功率 | 100%~110% 額定功率 | | | | | |
| 過電壓保護 | | 保護方式 | 過電壓關機，須重新開機方可再供電 | | | | | | | | | | | | | | | | | |
| | | 過電壓保護 | 16 - 18 VDC | | | | 20 - 22 VDC | | 32 - 34 VDC | | | | | | | | | | | |
| 短路保護 | | | | | | | | | | | | | | | | | | | | |
| 認證 | CE & UL | CE | | | | | CE & UL | | | | | CE | | | | | | | | |
| 環境 | 工作溫度 | -20℃ - 60℃ (環溫45℃以上必須降載，請參考降載曲線) | | | | | | | | | | | | | | | | | | |
| | 工作濕度 | 相對濕度 20% - 90% | | | | | | | | | | | | | | | | | | |
| | 儲存溫度及濕度 | -40℃ - 85℃，相對濕度95% | | | | | | | | | | | | | | | | | | |
| 外型尺寸 | 寬度×高度×深度 | 60 x 90 x 73 mm | | | 65.1 x 115.6 x 78 mm | | | 60 x 90 x 73 mm | | | 65.1 x 115.6 x 78 mm | | | 75.1 x 130.8 x105.7 mm | | | | | | |
| 附註1 | 降載曲線 | | | | | | | | | | | | | | | | | | | |
| 附註2 | | | | | | | | | | | | | | | | | | | | |
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| *輸出電壓雜波及雜訊乃輸出端並聯—0.1uF陶瓷電容及—47uF電解電容，以20MHz頻寬示波器量測之結果。 | | | | | | | | | | | | | | | | | | | | |