



400W

# 防水开关电源 Waterproof Power Supply

DPBA-400 Series

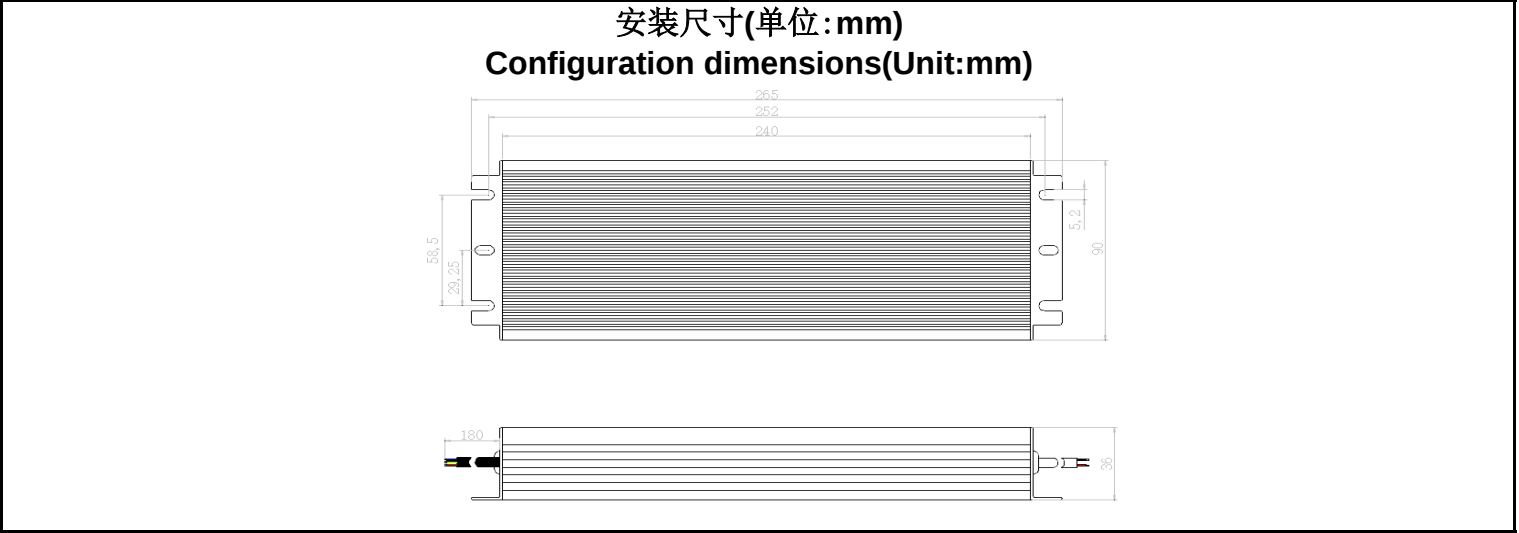


## 产品特性(Features) :

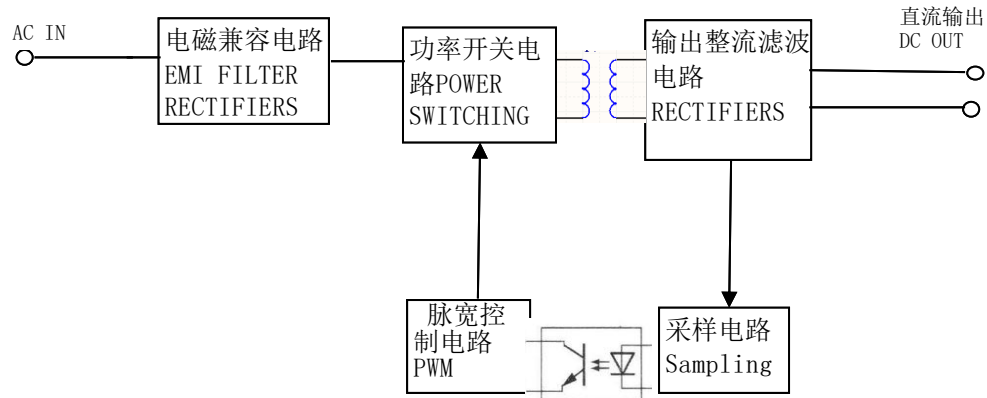
1. 恒定电压输出(Constant Voltage design).
2. 输入电压(AC input Voltage range)180-250Vac.
3. 保护功能:短路保护/过载保护均可自恢复。  
(Protections:Short circuit/Over load/Over current)
4. 常温自冷(Cooling by Convection or Forced air)
5. 加厚铝型材外壳(Thickness Aluminum Profile Housing)
6. 高可靠性三年固保(High Reliability with Three Years Warranty)
7. IP67防水等级(IP67 waterproof grade)
8. 使用寿命 (Lifespan)>50000Hours

| 规格<br>SPECIFICATION |                           | DPBA-400-12          | DPBA-400-24 |
|---------------------|---------------------------|----------------------|-------------|
| 输出<br>OUTPUT        | 输出电压<br>Rated DC voltage  | 12V±0.5V             | 24V±0.5V    |
|                     | 电流范围<br>Current range     | 0-33.3A              | 0-16.7A     |
|                     | 额定功率<br>Rated Power       | 400W                 |             |
|                     | 纹波及噪声<br>Ripple & Noise   | ≦120mVp-p            | ≦240mVp-p   |
|                     | 输出上升时间<br>Setup,Rise time | 50ms/230VAC          |             |
|                     | 输出保持时间<br>Hold up time    | 20ms/230VAC          |             |
| 输入<br>INPUT         | 输入电压范围<br>Voltage range   | AC90-130V/AC180-240V |             |
|                     | 频率<br>Frequency range     | 50-60HZ              |             |
|                     | 效率<br>Efficiency(Tpy.)    | ≧84%                 | ≧86%        |
|                     | 功率因素<br>Power factor      | 0.65(max)            |             |
|                     | 漏电流<br>Leakage current    | 0.25mA/230VAC        |             |

|                                                           |                                                 |                                                                                        |
|-----------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------|
| <div> <div>保护</div> <div>PROTECTION</div> </div>          | <div>过流保护</div> <div>Over Current</div>         | <div>105%-130%</div> <div>保护类型：打嗝式保护/自恢复</div> <div>Protection type: Hiccup mode</div> |
|                                                           | <div>短路保护</div> <div>Reset After Shutdown</div> | <div>短路保护：自恢复</div> <div>after the fault has been removed</div>                        |
|                                                           |                                                 |                                                                                        |
| <div> <div>使用环境</div> <div>ENVIRONMENT</div> </div>       | <div>工作温度</div> <div>Working TEMP.</div>        | -20℃-45℃                                                                               |
|                                                           | <div>存储温度</div> <div>Storage TEMP.</div>        | -40℃-80℃                                                                               |
|                                                           | <div>相对湿度</div> <div>Working Humidity</div>     | 0--100%                                                                                |
|                                                           | <div>振动</div> <div>Vibration</div>              | 10-500HZ, 2G 10min/1cycle,preiod for 60min, each along X, Y, Z axes                    |
|                                                           | <div>温度系数</div> <div>TEMP. coefficient</div>    | ±0.03%℃ (0-50℃)                                                                        |
| <div> <div>安规及电磁兼容</div> <div>SAFETY&amp;EMC</div> </div> | <div>安全标准</div> <div>Safety Standards</div>     | Design refer to LVD EN61347-2-13:2006, EN61347-1:2008                                  |
|                                                           | <div>耐压</div> <div>With stand Voltage</div>     | I/P-O/P:1.5KVAC, I/P-COVER:1.5KVAC, O/P-COVER:500VDC                                   |
|                                                           | <div>绝缘电阻</div> <div>Isolation Resistance</div> | I/P-O/P:>100M Ohms/500VDC/25℃/70% RH                                                   |
|                                                           | <div>电磁兼容</div> <div>EMC</div>                  | EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:2008,EN61547:2009            |
| <div> <div>其它</div> <div>OTHERS</div> </div>              | <div>寿命</div> <div>MTBF</div>                   | 50.000 Hours (25℃)                                                                     |
|                                                           | <div>尺寸</div> <div>Dimension</div>              | 265*90*37mm(L*W*H) 不含线 (Without line)                                                  |
|                                                           | <div>重量</div> <div>Weight</div>                 | 1390g                                                                                  |
|                                                           | <div>包装</div> <div>Packaging</div>              | 28.5*24.5*24/15PCS                                                                     |



## 组成结构图: Circuit diagram:



## 带载降额曲线: Load derating curve:

