

# 铝壳开关电源选型·一览表



▶ 成立时间：2009年      ▶ 厂房面积：12000平方      ▶ 认证资质：ISO9001

自公司2009年成立以来，已荣获CQC认证中心颁发的CE认证，CCC认证，FCC认证，通过TÜV莱茵的ISO 9001质量管理体系认证，等多项证书。



## 机壳开关电源产线

- ▶ 35-350W LRS系列（单路输出）
- ▶ 60-350W LRD系列（双组输出系列）
- ▶ 100-250W M系列（双组稳压输出系列）
- ▶ 200-1000W SP系列（单组带PFC功能系列）
- ▶ 36-360W S系列（单路输出）
- ▶ 60-350W D系列（双组输出系列）
- ▶ 100-350W T系列（三组输出系列）

## 应用领域



## 权威认证



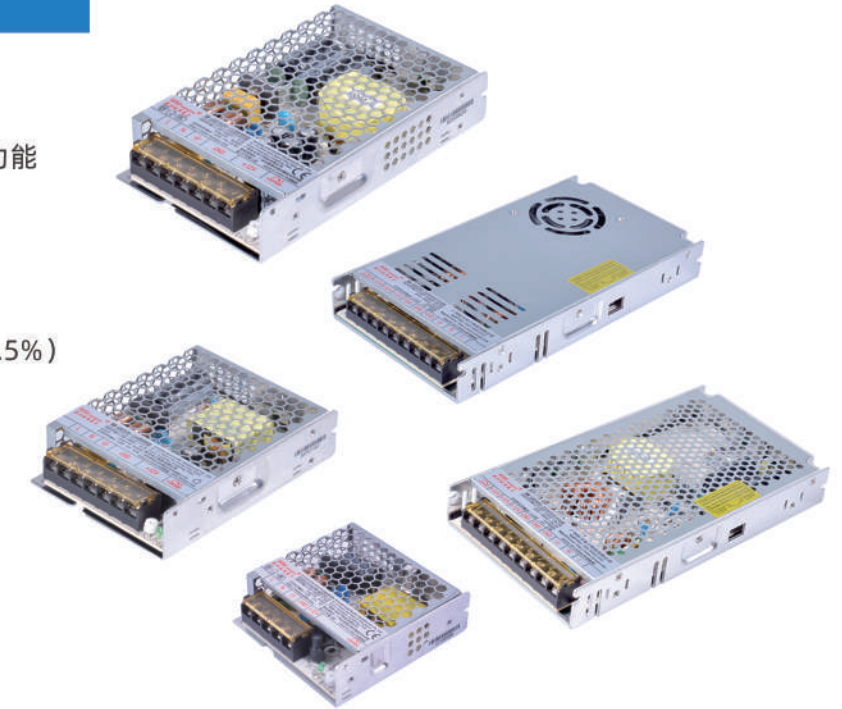
| 产品系列     | 功率 (W) (Typ.) | 输入电压   | 常规输出电压及电流 (Vo/Io)                  | 输出电压可调范围 (VDC)                                       | 效率 (Max.) | 输出路数      | 认证        |
|----------|---------------|--|------------------------------------|--|-----------|-----------|-----------|
| LRS35C   | 35            | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V7A,12V3A,<br>24V1.5A,48V0.8A     | 4.5~5.5V,10.2~13.8V<br>21.6~ 28.8V,43.2~52.8V        | 89%       | 超薄单路输出    | CCC CE    |
| LRS50C   | 50            | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V10A,12V4.2A,<br>24V2.2A,48V1.1A  | 4.5~5.5V,10.2~13.8V<br>21.6~ 28.8V,43.2~52.8V        | 90%       |           | CCC CE    |
| LRS75C   | 75            | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V12A,12V6A,<br>24V3.2A,48V1.6A    | 4.5~5.5V,10.2~13.8V<br>21.6~ 28.8V,43.2~52.8V        | 91.5%     |           | CCC CE    |
| LRS100   | 100           | 85 ~ 264VAC<br>120 ~ 373VDC                          | 5V18A,12V8.5A,<br>24V4.5A,48V2.3A  | 4.5~5.5V,10.2~13.8V<br>21.6~ 28.8V,43.2~52.8V        | 91%       |           | CCC CE    |
| LRS150FC | 150           | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V19A,12V12.5A,<br>24V6.5A,48V3.3A | 4.5~5.5V,10.2~13.8V<br>21.6~ 28.8V,43.2~52.8V        | 90%       |           | CCC CE    |
| LRS200C  | 200           | 90 ~ 132VAC /180 ~<br>264VAC(通过开关切换)<br>240 ~ 370VDC | 5V40A,12V17A,<br>24V8.8A,48V4.4A   | 4.5 ~ 5.5V,10.2 ~ 13.8V<br>21.6 ~ 28.8V,43.2 ~ 52.8V | 90%       |           | FC CE CCC |
| LRS350C  | 350           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V60A,12V29A,<br>24V14.6A,48V7.3A  | 4.5 ~ 5.5V,10.2 ~ 13.8V<br>21.6 ~ 28.8V,43.2 ~ 52.8V | 89%       | FC CE CCC |           |
| LRD200   | 200           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 12V24V-10A4A                       | 10.2 ~ 13.8V   | 88%       | 超薄双路输出    |           |
| LRD350   | 350           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 12V24V-15A6A                       | 10.2 ~ 13.8V   | 88%       |           |           |
| 36S      | 36            | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V7A,12V3A,<br>24V1.5A,48V0.8A     | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 85%       | 单路输出      |           |
| 60S      | 60            | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V10A,12V9A,<br>24V2.5A,48V1.3A    | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 88%       |           |           |
| 100S     | 100           | 85 ~ 264VAC<br>120 ~ 370VDC                          | 5V20A,12V8.5A,<br>24V4.2A,48V2.3A  | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 88%       |           |           |
| 150S     | 150           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V26A,12V12.5A,<br>24V6.5A,48V3.5A | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 87%       |           |           |
| 250S     | 250           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V40A,12V21A,<br>24V10.5A,48V5.3A  | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 87%       |           |           |
| 360S     | 360           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V60A,12V30A<br>24V15A,48V7.5A     | 4.5 ~ 5.6V,10.8 ~ 13.5V<br>20 ~ 26.4V,43 ~ 56V       | 88%       |           |           |
| NES200   | 200           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V40A,12V17A,<br>24V8.8A,48V4.5A   | 4.5~ 5.6V,10 ~ 13.5V<br>20 ~ 26.4V,41 ~ 56V          | 89%       |           |           |
| NES350   | 350           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 5V60A,12V29A,<br>24V14.6A,48V7.3A  | 4.5~ 5.6V,10 ~ 13.5V<br>20 ~ 26.4V,41 ~ 56V          | 87.5%     |           |           |
| SE500S   | 500           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 12V42A,24V21A,<br>48V10.5A         | 10 ~ 13.5V,21 ~ 28.8V<br>41 ~ 56V                    | 90.5%     |           |           |
| 110T     | 110           | 85 ~ 264VAC<br>120 ~ 373VDC                          | 5V12V24V-8A5A3A                    | 4.5~5.6V   | 79%       |           | 三路输出      |
| 120T     | 120           | 85 ~ 264VAC<br>120 ~ 373VDC                          | 12V5V24V-6A3A3A                    | 10.8 ~ 13.5V   | 79%       |           |           |
| 250T     | 250           | 90 ~ 132VAC /180 ~264VAC<br>(通过开关切换)240 ~ 370VDC     | 12V5V24V-10A6A5A                   | 10.8 ~ 13.5V   | 78%       |           |           |



| 产品系列             | 功率<br>(W) (Typ.) | 输入电压   | 常规输出电压及电流<br>(Vo/Io)                           | 输出电压可调范围<br>(VOC)                           | 效率<br>(Max.) | 输出路数    | 认证     |          |
|------------------|------------------|--|--|---|--------------|---------|--------|----------|
| 350T             | 350              | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换)240 ~ 370VDC | 12V5V24V-20A<br>10A10A                         | 4.5 ~ 5.6V                                  | 78%          | 三路输出    |        |          |
| 50D              | 50               | 85 ~ 264VAC<br>120 ~ 373VDC                        | 5V12V-5A3A,5V24V<br>5A1.5A12V24V-3A1A          | 4.5 ~ 5.6V,4.5 ~ 5.6V<br>10.8 ~ 13.5V       | 83%          | 双路输出    |        |          |
| 60D              | 60               | 85 ~ 264VAC<br>120 ~ 373VDC                        | 5V12V-5A3A,5V24V5<br>A1.5A12V24V-3A1A          | 4.5 ~ 5.6V,4.5 ~ 5.6V<br>10.8 ~ 13.5V       | 83%          |         |        |          |
| 120D             | 120              | 85 ~ 264VAC<br>120 ~ 373VDC                        | 5V12V-8A6A,5V24V8<br>A3A12V24V-6A2.5A          | 4.5 ~ 5.6V,4.5 ~ 5.6V<br>10.8 ~ 13.5V       | 83%          |         |        |          |
| 150H             | 150              | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换)240 ~ 370VDC | 5V12V-10A8A,<br>12V24V-6A6A                    | 4.5 ~ 5.6V<br>10.8 ~ 13.5V                  | 83%          |         |        |          |
| 250D             | 250              | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换)240 ~ 370VDC | 5V12V-10A12A,<br>5V24V-10A6A<br>12V24V-10A5A   | 4.5 ~ 5.6V,4.5 ~ 5.6V<br>10.8 ~ 13.5V       | 81%          |         |        |          |
| 350D             | 350              | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换)240 ~ 370VDC | 5V12V-15A15A,<br>5V24V-15A10A<br>12V24V-20A10A | 4.5 ~ 5.6V,4.5 ~ 5.6V<br>10.8 ~ 13.5V       | 83%          |         |        |          |
| 120M             | 120              | 85 ~ 264VAC<br>120 ~ 373VDC                        | 12V5V-8.5A3A,<br>24V12V-5A2.5A<br>24V5V-5A3A   | 10.8 ~ 13.5V,20 ~ 26.4V<br>20 ~ 26.4V       | 83%          |         | 双路稳压输出 |          |
| 180M             | 180              | 85 ~ 264VAC<br>120 ~ 373VDC                        | 12V5V-14A5A,<br>24V12V-7A2.5A<br>24V5V-7A5A    | 10.8 ~ 13.5V,20 ~ 26.4V<br>20 ~ 26.4V       | 83%          |         |        |          |
| 250M             | 250              | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换)240 ~ 370VDC | 12V5V-20A10A,<br>24V5V-10A10A<br>24V12V-10A10A | 10.8 ~ 13.5V,20 ~ 26.4V<br>20 ~ 26.4V       | 81%          |         |        |          |
| SP200S           | 200              | 88 ~ 264VAC<br>124 ~ 370VDC                        | 5V40A,12V16.7A<br>24V8.4A,48V4.2A              | 4.5~ 5.5V,10 ~ 13.2V<br>20 ~ 26.4V,41 ~ 56V | 89%          |         |        | 带PFC功能单路 |
| SP320S           | 320              | 88 ~ 264VAC<br>124 ~ 370VDC                        | 5V54.5A,12V26.6A<br>24V13.3A,48V6.7A           | 4.5~ 5.5V,10 ~ 13.2V<br>20 ~ 26.4V,41 ~ 56V | 89%          | FC CE © |        |          |
| SP600S           | 600              | 88 ~ 264VAC<br>124 ~ 370VDC                        | 5V100A,12V53A<br>24V27A,48V13.5A               | 4.5~ 5.5V,10 ~ 13.2V<br>20 ~ 26.4V,41 ~ 56V | 89%          |         |        |          |
| SP750S           | 750              | 180 ~ 264VAC<br>254 ~ 370VDC                       | 12V60A,24V31A<br>36V21A,48V16A                 | 10~ 13.2V ,21~ 28.8V<br>29~ 39V,41~ 56V     | 89%          |         |        |          |
| SP1000S          | 1000             | 90 ~ 264VAC (300VAC<br>持续5秒) 或120 ~ 370VDC         | 24V42A,36V28A<br>48V21A                        | 20 ~ 28.8V ,29 ~ 39V<br>41~ 56V             | 89%          |         |        |          |
| 300WA            | 300              | 85 ~ 264VAC<br>120 ~ 370VDC                        | 5V12V24V48V-<br>3A8A2A3A                       | 20 ~ 27V,46 ~ 55V                           | 78%          | 四路娃娃机专用 |        |          |
| 320V8            | 320              | 90 ~ 132VAC/180 ~ 264VAC<br>(通过开关切换) 或254~370VDC   | 5V12V24V48V-14A<br>8A3A6A                      | 4.5 ~ 5.5V ,46 ~ 55V                        | 78%          |         |        |          |
| 400WA            | 400              | 90 ~ 132VAC/180 ~ 264VAC<br>(通过开关切换) 或254~370VDC   | 12V5V24V48V-10A<br>3A3A4A                      | 10.8 ~ 13.5V                                | 79%          |         |        |          |
| ATX400-<br>24-48 | 320              | 85 ~ 264VAC<br>或120 ~ 370VDC                       | 5V12V24V48A-12A<br>6A6A6A                      |   | 79%          |         |        |          |
| WAWA             | 250              | 90 ~ 132VAC/180 ~ 264VAC<br>(通过开关切换) 或254~370VDC   | 12V5V24V48V-8A<br>3A2.5A3A                     | 10.8 ~ 13.5V                                | 78%          |         |        |          |

## 功能特点:

- 1.体积小, 30mm厚度铝外壳
- 2.具有输出短路、过流、过压、过温保护功能
- 3.可承受300VAC输入浪涌电压5s
- 4.可承受5G振动测试
- 5.低待机功耗 (<0.3W)、高效率 (高达91.5%)
- 6.电源启动LED指示灯
- 7.内置直流风扇强制风冷 (350W)
- 8.CE、CCC、CQC认证 (200W/350W)
- 9.三年保固



## 通用参数:

| 产品系列                      | LRS35C  | LRS50C        | LRS75C                          | LRS100                               | LRS150FC                        | LRS200  | LRS350 |
|---------------------------|---|---------------|---------------------------------|--------------------------------------|---------------------------------|---|--------|
| 输出电压                      | 单组输出: 3.3V 5V 12V<br>15V 24V 36V 48V  |               | 单组输出: 5V 12V<br>15V 24V 36V 48V | 单组输出: 3.3V 5V<br>12V 15V 24V 36V 48V | 单组输出: 5V 12V<br>15V 24V 36V 48V | 单组输出: 3.3V 4.2V 5V<br>12V 15V 24V 36V 42V 48V       |        |
| 输入电压范围                    | 85 ~ 264VAC 120 ~ 370VDC  |               |                                 |                                      |                                 | 90 ~ 132VAC / 180 ~ 264VAC<br>(通过开关切换) 240 ~ 370VDC |        |
| 冲击电流                      | 冷启动45A/230VAC   | 冷启动65A/230VAC | 冷启动50A/230VAC                   | 冷启动60A/230VAC                        | 冷启动60A/115VAC 60A/230VAC        |   |        |
| 过流保护                      | 110 ~ 150%  |               | 110 ~ 140%                      | 110 ~ 140%                           |                                 |   |        |
| 短路保护                      | 保护模式: 打嗝模式, 异常条件移除后可自行恢复  |               |                                 |                                      |                                 |   |        |
| 隔离耐压<br>(测试1分钟, 漏电流<10mA) | I/P-O/P: 3KVAC  |               | I/P-FG: 2KVAC                   | O/P-FG: 0.5KVAC                      |                                 |   |        |
| 工作温度                      | -30 ~ +70°C   |               |                                 |                                      |                                 | -25 ~ +70°C   |        |
| 电磁兼容                      | 符合CE: EN 55032:2015, EN 55035:2017, EN 61000-3-2:2014, EN 61000-3-3:2013<br>CCC: GB/T9251-2008 ( idt CISPR 22:2006 ), GB17625.1-2012 ( idt IEC 61000-3-2:2009 ) |               |                                 |                                      |                                 |   |        |
| 安规                        | 符合CE: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013<br>CCC: GB4943.1-2011   |               |                                 |                                      |                                 |   |        |
| MTBF                      | ≥500K hrs. MIL-HDBK-217F (25°C)   |               |                                 |                                      |                                 | ≥300K hrs. MIL-HDBK-217F (25°C)                     |        |
| 外观尺寸<br>(LxWxH)(mm)       | 99*82*30  | 99*97*30      | 129*97*30                       | 159*97*30                            | 215*115*30                      |   |        |
| 包装                        | 60PCS/0.21kg  | 45PCS/0.23kg  | 40PCS/0.32kg                    | 30PCS/0.46kg                         | 15PCS/0.66kg                    | 15PCS/0.76kg  |        |