

POWERTRONIC

| SPECIFICATION / MODEL | | ZA LRS-350-5 | ZA LRS-350-12 | ZA LRS-350-24 | ZA LRS-350-36 | ZA LRS-350-48 |
|-----------------------|----------------------------------|---|---------------|---------------|---------------|---------------|
| OUTPUT | DC voltage | 5V | 12V | 24V | 36V | 48V |
| | Rated output current | 60A | 29A | 14.6A | 9.7A | 7.3A |
| | Output current range | 0~60A | 0~29A | 0~14.6A | 0~9.7A | 0~7.3A |
| | DC power | 300W | 350W | 350W | 350W | 350W |
| | Voltage adj.range | ±10% | ±10% | ±10% | ±10% | ±10% |
| | Voltage tolerance | ±2% | ±1% | ±1% | ±1% | ±1% |
| | Ripple and noise | 70mVp-p | 100mVp-p | 100mVp-p | 100mVp-p | 100mVp-p |
| | Line Regulation | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| | Load stability | ±0.1% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| INPUT | AC voltage range | 85~132VAC/170~264VAC selected by switch 47~63Hz | | | | |
| | Current | 6.8A/115V 2.4A/230V | | | | |
| | Efficiency | 80% | 85% | 86% | 86% | 86% |
| | AC Inrush current | Cold-start current 60A/115V 60A/230V | | | | |
| | Leakage current | <2mA/240VAC | | | | |
| PROTECTION | Overload | 110 ~ 150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed | | | | |
| | Over-voltage | Protection type : Shut down o/p voltage, re-power on to recover 5.75-6.9V 13.8-16.2V 28.8-33.6V 41.4-48.6V 55.2-64.8V | | | | |
| | Short Circuit | Protection type : Shut off | | | | |
| SAFETY | Setup rise hold up time | 200ms,100ms,20ms | | | | |
| | Vibration | 10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES | | | | |
| | Withstand voltage | Input and output interval,1.5KVAC,Input and enclosure,1.5KVAC,Output and enclosure,0.5KVAC | | | | |
| | Isolation resistance | Input and output interval,Input and enclosure,Output and enclosure,500VAC/100MΩ | | | | |
| ENVIRONMENT | Temperature coefficient | ±0.03%/°C (0~50°C) | | | | |
| | Working temperature and humidity | -20~+60°C,20~90%RH | | | | |
| | Store temperature and humidity | -40°C~+85°C,10~95%RH | | | | |
| OTHER | Overall dimension | 215*115*30mm 26pcs/Carton (common packing) | | | | |
| | Weight | 0.72Kg | | | | |
| CERTIFICATE | CE EMC Authenticate | EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008 EN55024:2010 EN55015:2006+AL2007+2009 EN61547:2009 | | | | |
| | CE LVD Authenticate | EN61347-1:2008T A1:2001 EN61347-2-13:2006 EN60950-1:2006+A11:2009+A1:2010+A12:2001 | | | | |
| | ROHS Authenticate | EPA3050B:1996 EN1122B:2001 EPA3052:1996 EPA3060A:1996 EPA7196A:1992 EPA3540C:1996 EPA8270D:2007 IEC62321:2008 | | | | |
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