### SPECIFICATION

**MODEL** | **LRS-200-3** | **LRS-200-4.2** | **LRS-200-5** | **LRS-200-12** | **LRS-200-15** | **LRS-200-24** | **LRS-200-36** | **LRS-200-48**
---|---|---|---|---|---|---|---|---
**DC VOLTAGE** | 3.3V | 4.2V | 5V | 9V | 12V | 15V | 24V | 30V | 48V
**RATED CURRENT** | 40A | 40A | 40A | 17A | 14A | 8.8A | 5.8A | 4.4A
**CURRENT RANGE** | 0 ~ 40A | 0 ~ 40A | 0 ~ 40A | 0 ~ 17A | 0 ~ 14A | 0 ~ 8.8A | 0 ~ 5.8A | 0 ~ 4.4A
**RATED POWER** | 132W | 168W | 200W | 254W | 210W | 211W | 211.2W | 211.2W |
**RIPPLE & NOISE (max.)** | 150mVpp | 150mVpp | 150mVpp | 150mVpp | 150mVpp | 150mVpp | 200mVpp | 200mVpp |
**VOLTAGE ADJ. RANGE** | 2.97 ~ 3.6V | 3.6 ~ 4.4V | 4.5 ~ 5.5V | 5.5 ~ 6.5V | 6.5 ~ 7.5V | 7.5 ~ 8.5V | 8.5 ~ 9.5V | 9.5 ~ 10.5V |
**VOLTAGE TOLERANCE** | ±5% | ±5% | ±5% | ±1% | ±1% | ±1.5% | ±1% | ±1% |
**VOLTAGE REGULATION** | ±5% | ±5% | ±5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
**LINE REGULATION** | ±5% | ±5% | ±5% | ±1% | ±1% | ±1% | ±1% | ±1% |
**LOAD REGULATION** | ±5% | ±5% | ±5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
**SETUP, RISE TIME** | 130ms, 50ms/210VAC | 130ms, 50ms/115VAC at full load |
**HOLD UP TIME (Typ.)** | 16ms/200VAC | 17ms/115VAC at full load |
**INPUT VOLTAGE RANGE** | 90 ~ 132VAC / 180 ~ 264VAC by switch | 240 ~ 370VDC (switch on 230VAC) |
**FREQUENCY RANGE** | 47 ~ 63Hz |
**EFFICIENCY (Typ.)** | 88% | 88% | 87% | 87.5% | 88% | 89% | 89.5% | 90% |
**AC CURRENT (Typ.)** | 4A/115VAC | 2.2A/230VAC |
**INRUSH CURRENT (Typ.)** | 150mA | 150mA/230V |
**LEAKAGE CURRENT** | <2mA | 240VAC |
**OUTPUT PROTECTION** | 110 ~ 140% rated output power |
**OVER LOAD** | Protection type: Hi-curr mode, recovers automatically after fault condition is removed |
**OVER VOLTAGE** | 3.8 ~ 4.45V | 4.6 ~ 5.4V | 5.75 ~ 6.75V | 7.3 ~ 8.6V | 11.2 ~ 12.7V | 15.2 ~ 17.4V | 18.8 ~ 21V | 28.8 ~ 33.8V | 41.4 ~ 46.6V | 58.2 ~ 64.8V |
**OVER TEMPERATURE** | Hi-curr mode, recovers automatically after fault condition is removed |
**WORKING TEMP.** | 25 ~ +70°C (except derating curve) |
**HUMIDITY** | 20 ~ 90% RH (non-condensing) |
**STORAGE TEMP. & HUMIDITY** | 40 ~ +85°C, 10 ~ 95% RH |
**TEMP COEFFICIENT** | ±0.03% (0 ~ 50°C) |
**VIBRATION** | 50Hz, 50Hz/s (oscillation) |
**SAFETY STANDARDS** | UL, cUL, cULus, TUV, CE, CCC, BSMI, VDE, CPA, CSA, SEMKO, CCC |
**SHIELDING** | >80dB |
**ISOLATION RESISTANCE** | >100MΩ (1000VDC / 1500VDC) |
**MTBF** | 347,950 hours |
**DIMENSION** | 215*110*30mm (L*W*H) |
**PACKING** | 0.66kg (1pc) |

### Mechanical Specification

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<thead>
<tr>
<th>Mechanical Specification</th>
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<tbody>
<tr>
<td>Case No. 207</td>
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<td>Unit: mm</td>
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### Installation Manual