



International Power Sources, Inc.

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DC/DC Converters



LP Series: 25/30 WATT Low Profile

FEATURES

- 2:1 Input Range
- Isolated Outputs
- Efficiency to 84%
- 100 kHz Switching Frequency
- External Output Trim
- Remote Disable
- Six-sided Shield
- PCB Mountable

MODELS CHART

| INPUT MODEL NUMBER | VOLTAGE RANGE | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT CURRENTS | | % EFF |
|--------------------|---------------|----------------|----------------|----------------|-----------|-------|
| | | | | NO LOAD | FULL LOAD | |
| LP101 | 9-18VDC | 5VDC | 5000mA | 30mA | 2670mA | 78 |
| LP102 | 9-18VDC | 12VDC | 2000mA | 30mA | 2500mA | 80 |
| LP103 | 9-18VDC | 15VDC | 1650mA | 30mA | 2575mA | 80 |
| LP104 | 9-18VDC | ±5VDC | ±2500mA | 30mA | 2670mA | 78 |
| LP105 | 9-18VDC | ±12VDC | ±1000mA | 30mA | 2500mA | 80 |
| LP106 | 9-18VDC | ±15VDC | ±830mA | 30mA | 2590mA | 80 |
| LP107 | 9-18VDC | 5/±12VDC | 2500/±500mA | 30mA | 2550mA | 80 |
| LP108 | 9-18VDC | 5/±15VDC | 2500/±400mA | 30mA | 2550mA | 80 |
| LP201 | 18-36VDC | 5VDC | 5000mA | 20mA | 1560mA | 66 |
| LP202 | 18-36VDC | 12VDC | 2000mA | 20mA | 1525mA | 66 |
| LP203 | 18-36VDC | 15VDC | 1650mA | 20mA | 1525mA | 68 |
| LP204 | 18-36VDC | ±5VDC | ±2500mA | 20mA | 1560mA | 67 |
| LP205 | 18-36VDC | ±12VDC | ±1000mA | 20mA | 1525mA | 66 |
| LP206 | 18-36VDC | ±15VDC | ±830mA | 20mA | 1525mA | 71 |
| LP207 | 18-36VDC | 5/±12VDC | 3000/±625mA | 20mA | 1520mA | 82 |
| LP208 | 18-36VDC | 5/±15VDC | 3000/±500mA | 20mA | 1525mA | 82 |
| LP301 | 36-72VDC | 5VDC | 5000mA | 20mA | 760mA | 69 |
| LP302 | 36-72VDC | 12VDC | 2000mA | 20mA | 745mA | 67 |
| LP303 | 36-72VDC | 15VDC | 1650mA | 20mA | 740mA | 70 |
| LP304 | 36-72VDC | ±5VDC | ±2500mA | 20mA | 760mA | 69 |
| LP305 | 36-72VDC | ±12VDC | ±1000mA | 20mA | 740mA | 68 |
| LP306 | 36-72VDC | ±15VDC | ±830mA | 20mA | 740mA | 70 |
| LP307 | 36-72VDC | 5/±12VDC | 3000/±625mA | 20mA | 745mA | 84 |
| LP308 | 36-72VDC | 5/±15VDC | 3000/±500mA | 20mA | 745mA | 84 |

NOTE: Nominal Input Voltage 12, 24, or 48 VDC

