

Chroma Systems Solutions, Inc.

61503 AC Source Operating Range

61500 AC Power Sources

Keywords: 615XX, maximum current, maximum power

Title:

61503 AC Source Operating Range

Product Family: **61500 AC Power Sources**

Abstract

The operating range of 615XX AC source is not only restricted by the maximum power, maximum voltage, and maximum current a unit can output, but also the operating range the source is in. Take 61503 for instance, when the unit is operating under high range and outputs 155 volts, the current can never exceeds 6 amps. 6 amps is the maximum current the unit can output on high range.

Solution

The selected points tested on 61503

| V(v) | I(A) | S(VA) |
|------|------|-------|
| 300 | 5 | 1500 |
| 250 | 6 | 1500 |
| 200 | 6 | 1200 |
| 175 | 6 | 1050 |
| 160 | 6 | 960 |
| 150 | 10 | 1500 |
| 125 | 12 | 1500 |
| 100 | 12 | 1200 |
| 50 | 12 | 600 |
| 10 | 12 | 120 |

