## PRODUCTION DETAILS: USE THIS TO REPORT PROBLEMS TO: +41 (32) 332 79 31

Title, First Name, Name: Sam Nicaise

Team / Organization: University of Kentucky

### ORDER INFORMATION:

9 pcs. of MPPT-Race V4.0

### INPUT VOLTAGE RANGE:

| | |
|---|---|
| Minimum input voltage: | 55 [V] |
| Maximum input voltage: | 99 [V] |

### OUTPUT VOLTAGE RANGE:

| | |
|---|---|
| Nominal battery voltage: | 103.6 [V] |
| Minimum output voltage: | 78.4 [V] |
| Maximum output voltage: | 117.6 [V] |

### INPUT CURRENT:

| | |
|---|---|
| Maximum input MPP current: | 4.741 [A] |
| Maximum input short circuit current: | 4.994 [A] |

### DELIVERY DETAILS:

| | |
|---|---|
| Desired date of delivery (DD/MM/YY): | ASAP |
| Actual date of shipment (DD/MM/YY): | ASAP |


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We try to respect the limits given by the customer. Due to the nominal values of the available resistors and capacitors, as well as to the limited possibilities with the given core sizes and core material, the actual values can be different.
Nevertheless: In the software implementation we will always use the values given by the customers.

## SERIAL NUMBER:

| | |
|---|---|
| Serial number: | D0510-240 - D0510-248 |

## INPUT VOLTAGE RANGE:

| | |
|---|---|
| Input voltage range: | 153,95 [V] |

## OUTPUT VOLTAGE RANGE:

| | |
|---|---|
| Output voltage range: | 201.5 [V] |
| Shutdown voltage range: | 234.9 [V] |

## INPUT CURRENT RANGE:

| | |
|---|---|
| Input MPP current range: | 8.937 [A] |

## CAN CONVERSION FACTORS:

| | |
|---|---|
| Input voltage multiplication factor: | 150.49 [mV/LSB] |
| Output voltage multiplication factor: | 208.79 [mV/LSB] |
| Input MPP current multiplication factor: | 8.72 [mA/LSB] |

## SOFTWARE:

| | |
|---|---|
| Software Version: | V 6.0 |


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