

OPTION SHEET FOR NANOPOWER P80 - PDU

| Customer Product ID: | (optional, enter your reference here) |
|---|---------------------------------------|
| Order number: | |
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1. Configuration Table

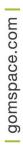
| DC/DC Regulator Voltages | | | | |
|--------------------------|-------------|-------------|-------------|-------------|
| | Converter 0 | Converter 1 | Converter 2 | Converter 3 |
| Voltage [V] | | | | |
| Current* [A] | | | | |

^{*}Expected maximum current draw from Converter. Maximum current draw from one Converter is 4.0A.

PDU – High Voltage Channels

| Output Requirements – See chapter 2 on the last page. | | |
|---|-----|----|
| | Yes | No |
| Channel 0 – High current 4A. (Channel 0 will exclude channel 1) | | |
| Channel 4 – High current 4A. (Channel 4 will exclude channel 5) | | |
| Channel 8 – High current 4A. (Channel 8 will exclude channel 9) | | |

| PDU Requirements – See chapter 2 | | |
|----------------------------------|---------------|--|
| Channel | PDU Converter | |
| 0 (Nonconfigurable) | Vbat | |
| 1 (Nonconfigurable) | Vbat | |
| 2 (Nonconfigurable) | Vbat | |
| 3 (Nonconfigurable) | Vbat | |
| 4 (Nonconfigurable) | Vbat | |
| 5 (Nonconfigurable) | Vbat | |
| 6 (Nonconfigurable) | Vbat | |
| 7 (Nonconfigurable) | Vbat | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |





PDU - Low Voltage Channels (3.3V-12V)

| Output Requirements – See chapter 3 on the last page. | | |
|--|-----|----|
| | Yes | No |
| Channel 12 - High current 4A. (Channel 12 will exclude channel 13) | | |
| Channel 16 - High current 4A. (Channel 16 will exclude channel 17) | | |
| Channel 21 - High current 4A. (Channel 21 will exclude channel 20) | | |

| PDU Requirements – See chapter 3 on the last page. | | |
|--|--|---------------|
| Channel | | PDU Converter |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |
| 17 | | |
| 18 | | |
| 19 | | |
| 20 | | |
| 21 | | |
| 22 | | |
| 23 | | |





2. Output Requirements

High Voltage Channels

PDU Channels 0 & 1, 4 & 5 and 8 & 9 can be combined to supply 4.0 A high current. This configuration will exclude channel 1, 5 and 9, which will act as control channels. Channels 0, 4 and 8 will act as primary channels.

PDU channel 8, 9, 10 and 11 can be powered from Vbat or voltage Converter 3 if its 12V or 18V to extend the number of voltage channels.

3. PDU Configuration

Low Voltage Channels (3.3V-12V)

PDU channels 12 & 13, 16 & 17 and 21 & 20 can be combined to supply 4.0 A high current. This configuration will exclude channel 13, 17 and 20, which will act as control channels. Channels 12, 16, and 21 will act as primary channels.





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