

OPTION SHEET FOR NANOPOWER PDU-200

Customer Product ID: _____ (optional, enter your reference here)

Order number: _____

1. Configuration Table

CSP address _____ (default is 3)

Battery voltage range - select one	
12.0 – 16.8 V	
24.0 – 33.6 V	

Dock position – See chapter 2				
	X1	X2	X3	X4
Position				

Voltage on each regulator – choose from dropdown – See chapter 3			
	Regulator 0	Regulator 1	Regulator 2
Voltage			

Channel connections - only select one option per channel – See chapter 4								
Channel	Stack pins	TFM pins	Regulator 0	Regulator 1	Regulator 2	Battery Voltage	High Regulated Voltage	CH not used
CH0	1	1						
CH1	1	2						
CH2	1	1						
CH3	1	1						
CH4	1	-						
CH5	1	1						
CH6	1	2						
CH7	1	-						
CH8	1	-						

2. Position on NanoPower P60 Dock

Mark which position the PDU is to be fitted. Double check with the P60 Dock option sheet module configuration table.

3. Voltage on each regulator

If no voltage is chosen, all regulators are set to 3.3 V.

Each regulator voltage must be max 8.0 V and more than 1.5 V below the lowest battery voltage. Regulator 0 can be higher than 8.0 V, given only “High regulated voltage” channels are used.

Custom = 3.3 V, 5 V, 8 V, 12 V, 18 V

4. Channel Connections

Only select one option per row.

All nine output channels are connected to the FSI connector which connects via the P60 Dock to the stack connector (requires stack connector pins to be connected in the P60 Dock option sheet).

The battery voltage is an unregulated voltage.

The high regulated voltage channels are used only when Regulator 0 is set above 8.0 V. Note that in this case only CH1 and CH6 is possible.

The CH1 and CH6 are recommended for high current when using the discrete TFM connector (two pin per channel).

The CH0, CH2, CH3 and CH5 are available in the discrete connector for lower currents (one pin in the TFM connector).

CH4, CH7 and CH8 are not accessible through the TFM connector.

If the “CH not used” column is chosen, the particular channel will not be configured, hence not connected and cannot be used.

5. Disclaimer

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