



DSX-1048 Voltage Readings

Below is the Voltage schedule for a fully loaded DSX-1048. Voltage readings include with and without loads where appropriate. All voltages are DC. The Controller Power Brick may need to be adjusted to ensure your voltage readings are correct.

1. AS150/15 or SP150/15 - No Load = 15.8
2. AS150/15 or SP150/15 - PDM only = 15.8
3. PDM Output term 4&5, 6&7, (panel power output) No Load = 15.53
4. PDM Output term 4&5, 6&7, (panel power output) with CDM only = 15.48 – 15.51
5. CDM Input term 13&14 No Load = 15.48 – 15.51
6. CDM Input with 1 – 1042 = 15.35
7. CDM Output with 1 – 1042 = 13.8 – 13.9
8. CDM Output with 2 – 1042 = 13.7 – 13.8
9. CDM Output with 3 – 1042 = 13.6 – 13.7
10. CDM Output with 4 – 1042 = 13.5 – 13.6
11. CDM Aux 12V Output with 4 – 1042 + 1 FRB8 = 13.4 – 13.5
12. 1042 12V Reader Power with 4 – 1042 + 1 FRB8 and minimum load = 13.3 – 13.5
13. 1042 Data 1&0 - 5.0 – 5.1