Rover 2K DCDC Card

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| **DOCUMENT** | : | Rover 2K. DCDC card manufacturing documentation |
| **SUMMARY** | : | This document includes the manufacturing documentation for the Rover 2k DCDC Card |
| **REFERENCE** | **:** | DCDC |
| **STATUS** | **:** | Pending revision |
| **DATE** | **:** | 28/04/2022 |
| **MODIFICATION STATE** | **:** | A |
| **LOCATION** | **:** | \\01.Documentation\02.Fabricacion\DCDC\DCDC-MD.docx |
| **FILE** | **:** | DCDC-MD.Docx |
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| **DATE** |  |  |  |

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Document History

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| --- | --- | --- | --- |
| **Issue** | **Date** | **Change** | **Author** |
| 1 | 28/04/2022 | Creation | Javier Rodriguez |
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Abbreviations

|  |  |
| --- | --- |
| BOM | Bill Of Materials |
| PCB | Printed Circuit Board |
| PCL | PCB Change Log |
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References

# Introduction

This document describes the manufacturing documentation required to produce the DCDC Card for the Rover 2k battery pack.

# Current modification state

Current board modification state is A.

The associated manufacturing documentation is indicated in following table:

|  |  |  |
| --- | --- | --- |
| Manufacturing document | Issue | File name |
| Bill of materials | 6 | BATT\_PCBS\_BOM.xlsx |
| PCB + Schematic diagram | 5 | BATT\_DCDC.brd  BATT\_DCDC.sch |
| Assembly instructions | - | - |
| Test procedure | 1 | DCDC-TP.docx |

Printed copies of these documents are included in annexes in Acrobat Reader PDF format.

# Previous modification states

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| --- | --- | --- | --- | --- |
| Mod. state | Bill of materials | PCB | Assembly instructions | Test procedure |
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# History of changes

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| Mod. state | Date | Changes |
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# Annexes

Here are Included the printed copies of the manufacturing documents in file F0001-FILES.zip [1] for latest modification state:

* Bill of materials
* PCB Electric diagram and component layout
* Test procedure
* Assembly instructions