

ESEIAAT



Cubesat Constellation Astrea

Report

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1 Example

Example

1.1 Example

Example

1.1.1 Example

Example

1.1.1.1 Example

Example



2 Satellite design

2.1 Electrical Power System

The Electric Power System of the satellite must provide and manage the energy generated efficiently in order to have all the systems operating under normal conditions. The Electrical Power System of a Cubesat is, probably, the most fundamental requirement of the satellite payload, since a failure of it results in a mission failure.

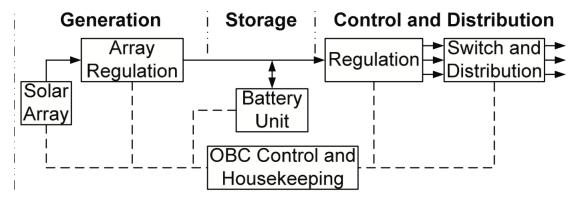


Figure 2.1: Basic schematics of the EPS [?]

2.1.1 Market study

Several commercial options have to be studied.