



ESEIAAT



Escola Superior d'Enginyeries Industrials,
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UNIVERSITAT POLITÈCNICA DE CATALUNYA

Cubesat Constellation Astrea

Report

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1 Example

Example

1.1 Example

Example

1.1.1 Example

Example

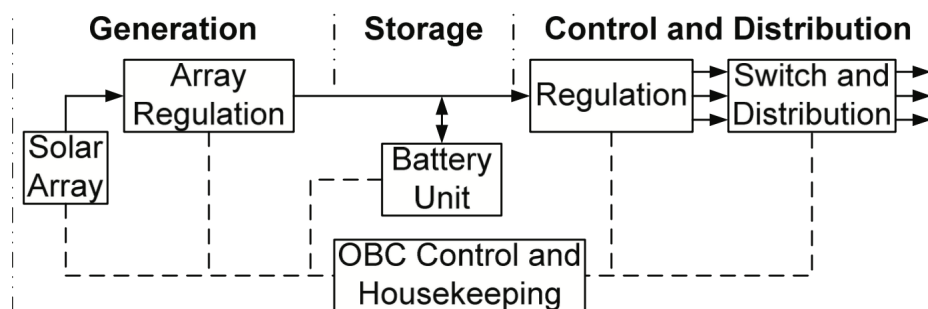
1.1.1.1 Example

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.



2.1.1 Market study

Several commercial options have to be studied.

2.2 Communication module

100kbps:

1mbps:

¿solo 9600bps?:

Links interesantes universidades: