

## General Technical Information

### Andromeda – Microgrid Package

Depending on the final design, the Andromeda microgrid package enables mainly three targets - lower overall energy cost, secure operation of the entire campus electricity infrastructure in case of grid failure and additionally islanding of mission critical applications.

With the Andromeda solution PV Systems (PVS), Battery Energy Storage Systems (BESS) or Diesel Gen-Sets are integrated in customers electricity infrastructure with a high degree of technical flexibility and upgradeability.



### Content

	Standard	Optional
<b>PV Systems (PVS)</b>	X	-
- Roof integrated, ground based or car ports		
- Nominal power in blocks of 25, 50 or 110 kVA		
<b>Battery Energy Storage System (BESS)</b>	X	-
- Distributed integrated in existing infrastructure		
- Nominal power in steps of 8, 12, 24 or 50 kVA		
- Nominal capacity in steps of 10, 16 or 24 kWh		
<b>Diesel Gen-Sets</b>	-	X
- Nominal power ins steps of 50 kVA		
<b>Energy Management System</b>	X	-
- Islanding functionality in case of grid failure to maintain operational functionality of mission critical applications		
- Load and capacity management		
Engineering package including TUV and Yield Reports; project documentation	X	-
Implementation under Vaylax supervision	-	X

All services and resources are subject to availability as well as contractual terms and conditions. Some tasks might be sub-contracted to local partners.

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