N+1 Hybrid DC Power Sytem

16kW Multi-Output DC Power System with Battery Backup

HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

CAB 834
16kW Battery Charger
400VAC/110VDC

400VAC
3P+N+E

110VDC

CAB 835
Battery Bank
110VDC 190Ah

External 110VDC Distribution

110VDC

230VAC

CAB 928
6kVA Inverter
100VDC/230VAC

110VDC

24VDC

CAB 928
6.8kW Converter
100VDC/24VDC

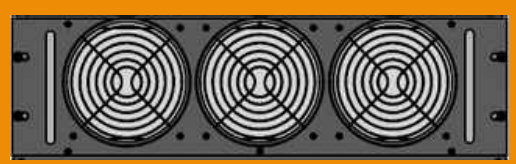
HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

2 X CAB 834
16kW Battery Charger
400VAC/110VDC

8 X 2kW Convection Cooled
110VDC Modular Rectifier

EVIDI+I/O system controller
Configure, control, and monitor the Opus system and associated components



3U 400A Diode Panel

HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

2 X CAB 928
6kVA Inverter
6.8kW Converter

6 X 1kW Convection Cooled
110VDC/230VAC Modular Rectifier

6.8kW Convection Cooled
110VDC/24VDC DC/DC Converter

HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

4 X CAB 835 Battery Bank 110VDC 190Ah

36 X 12V 190Ah High-Temperature Batteries

15 Years Design Life

HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

Testing System in our Factory in Auckland, New Zealand

HELIOS
POWER SOLUTIONS

N+1 Hybrid DC Power Sytem

Commissioning

HELIOS
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N+1 Hybrid DC Power Sytem

Commissioning

HELIOS
POWER SOLUTIONS

Our Customisable Features

HELIOS
POWER SOLUTIONS

- **Input & Output Terminals**
- **Adjustable output voltage**
- **Multiple Output Systems**
- **Redundancy**
- **Labelling**
- **IP Rating**
- **Form Factor & Mounting**
- **Conformal Coating**
- **Status Signals & Control**
- **Remote Monitoring**
- **Digital Display**
- **Portable Systems**

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HELIOS

POWER SOLUTIONS

35 Years of Experience Providing DC Power Conversion Solutions

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