



DC power supply system DCS

Flexible modular DC power supply system that can be customized

From 12VDC up to 220VDC

Complete solution with rectifiers, monitoring, battery centrals, distribution centrals, inverters, DC/DC, and more.

Wall or floor cabinets in different sizes

Battery shelves for different types of batteries

Complete documentation with schematics and manuals in paper and electronic format

Made in Sweden



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Examples of components

Rectifier

Input voltage 230VAC
Output voltage 12-220VDC
Power 150-1600W
Parallel connection for more than 1600W
Power factor >0,98 at max load
Temperature compensated charging voltage

Monitoring

Rectifier fault
Voltage fault
Temperature fault
High voltage
Low voltage
Earth fault
Battery circuit test
Battery temp
Relay outputs

Battery central BC-5 or BC-7

Pole separated with knife fuses size 00
For protecting rectifiers, inverters, batteries, distribution, and more.
Test load connector with separate CEE output

Group central GCA-10/GCD-10

Diased DII or MCB
2 pole centrals with 10 groups
Voltage present monitoring with sum alarm relay
Indication with green LED for each group when voltage is present

Other components

Breaker for redundant systems
DC/DC
Inverters
Signal connection centrals

Cabinets

Wall or floor
Smoked glass door with lock
Removable side and back panels
Color: RAL7035
Ingress Protection: IP20
Cable input from top or bottom
Ambient temperature: 0 to +40°C
Dimensions in different sizes

Battery

Internal: Ventilated
External: Any type

