



Micro Instruments

Electronic Research & Development

Innovative Electronics for a changing world

Manual

DC SMART – DC-DC Converter for WISPS

Models : DC SMART 12 / DC SMART 24



The **DC-Smart** DC to DC Converter is part of our WISP range of products to make power distribution at different voltage levels at Wi-Fi High sites easy from backup battery sets.

The unit is housed in a 19" 2u rack mount enclosure with 2 internal fans to circulate air through the enclosure

Easy connections on the front panel with red and black binding posts and all inputs and outputs fused via panel mount standard ATO Blade fuses.

Led indication in the middle of each binding post to indicate power present at all outputs.

DC SMART 24

24Vdc Battery input

24Vdc Battery Output via 25A fuse

20Vdc constant Output via 5A fuse @ 100W

48Vdc Output via 10Amp fuse @ 250W – adjustable to 56Vdc

DC-SMART 12

12Vdc Battery input

12Vdc Battery Output via 25A fuse

24Vdc Output via 10Amp fuse @ 150W

48Vdc Output via 5Amp fuse @ 80W