

BROADBAND
DEPLOYMENT PLAYBOOK

Powering Broadband from Core to Edge

Reliable DC power solutions for fiber, fixed wireless, mobile wireless and private networks.



Powering Every Type of Broadband Network

Reliable power for today's broadband infrastructure - from core sites to the most remote locations.



Fixed Wireless

Critical DC power for microwave backhaul, point-to-point, and point-to-multipoint radios.



Mobile Wireless

Power and distribution for RAN infrastructure, including BTS, BSC, 4G/5G radios and microwave backhaul.



Private LTE / 4G / 5G

Reliable power for access points, base stations and network equipment supporting private connectivity.



Fiber

Power for OLTs and other equipment supporting PON/GPON fiber networks.



Reliable power. Stronger networks.
More connected communities.

Meet the MPS Ultra 2



High-performance DC power, built for broadband.



REMOTE MONITORING & CONTROL

Secure Gigabit Ethernet monitoring and remote management.



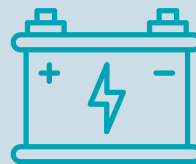
HIGH- DENSITY POWER

Up to 12kW in a compact 2U footprint.



FLEXIBLE MODULAR DESIGN

Available in 4-, 5-, 7-, or 8-module configurations.



BATTERY & NETWORK READY

Supports lead-acid and lithium-ion batteries.

Scalable. Intelligent. Reliable.

Broadband Power Planning Checklist

Before your next deployment, ask:

- ☒ What equipment needs to be powered?
- ☒ What DC voltage does each device require?
- ☒ What is the current total load?
- ☒ How much capacity is needed for future expansion?
- ☒ What happens if utility power is lost?
- ☒ How much backup runtime is required?
- ☒ Does the site require remote monitoring and control?
- ☒ Are there rack, space or environmental constraints?
- ☒ Do you need to manage or remotely power-cycle individual loads?



Plan early so power limitations do not become a bottleneck.

Build the Complete Broadband **Power** Solution

From Fiber to Power, Plan the Whole Deployment.



Power

Scalable DC power solutions for any broadband application.

- [MPS Ultra 2](#)
- [Modular Power Series 2](#)
- [DC Power Supplies](#)



Protect + Distribute

Keep your network running and protected.

- Battery Management
- DC Distribution
- Backup Power



MONITOR + CONTROL

Gain visibility and control - anywhere.

- Remote Monitoring
- Managed Loads
- Alarm Reporting

Let's **Power** Your Next **Broadband** Project

Need help selecting the right ICT solution?

An Alliance power expert can help you evaluate your application, recommend the right products, and support your project from design through deployment.

Connect with an Alliance power expert today!



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