

DEWEN™

DEWEN Power Solutions for Telecommunications & Data Centres



IEC 62368 | IEC/EN 62040 | ETSI
EN 300 132-2 | CE Certified

**MARKETS
AND
INDUSTRIES**

**Reliable Rectifiers • Inverters •
UPS • Outdoor & Hybrid
Systems**

Complete Power Solutions

From Edge Sites to Core Networks

Rectifiers



High-efficiency DC backbone for telecom & IT

- 3 kW hot-swappable module (scalable to higher ratings)
- DMR series
- Base stations, core nodes, IT rooms

Inverters



Seamless AC power for auxiliary telecom loads

- 1 kVA & 3 kVA modules (scalable in systems)
- DMI48 series
- Routers, ticketing, edge cabinets

UPS Systems



Uninterrupted power from edge to hyperscale

- 1 kVA → 1200 kW
- IntelliLithium™, IntelliSolo™, ATHLON™, FlexiPower™
- Pre-Engineered IT Rack UPS solutions for enterprise IT & edge rooms
- Edge IT, telecom shelters, data centres

Outdoor Systems



Complete outdoor-ready integrated solutions

- Mini (1–4 kW DC), Distributed (1–3 kW DC)
- Cabinet (5–20 kW AC+DC), High-Capacity (~30 kW)
- EdgePower™ Outdoor UPS (1–20 kVA, scalable)
- Hybrid & renewable-ready with PV, batteries, monitoring



5G & LTE



Remote & Bad- grid



Core & Cloud

DEWEN™

Rectifiers

The DC Power Backbone of Telecom Networks

High-efficiency, hot-swappable 48 VDC modules for critical loads



- 3 kW hot-swappable module (scalable to higher ratings)
- DMR series
- Base stations, core nodes, IT rooms

3KW module

Scalable to higher ratings

- Efficiency
- Hot-Swappable
- Remote Monitoring
- Modular



BTS Base Stations



Core Nodes



IT & Edge Rooms

Inverters

Seamless AC Power for Telecom & Auxiliary Loads

Reliable DC to AC conversion for routers, ticketing, and edge systems



- 1 kVA & 3 kVA modules
- DMI48 series
- Routers, ticketing, edge cabinets

- 1 kVA and 3 kVA modules
(scalable in systems)



High Efficiency



Remote
Monitoring



Scalable



Enterprise
Routers



Smart Ticketing &
Kiosks



Radio Units &
Base Stations

DEWEN™

UPS Systems Uninterrupted Power from Edge to Hyperscale

Comprehensive portfolio for telecom, IT, and data centres

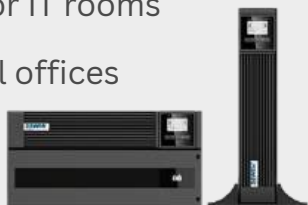
IntelliLithium™

- Lithium-powered UPS for edge IT
- 1-10 kVA
- Edge IT & small telecom



IntelliSolo™

- 1-phase UPS for IT rooms
- 1-10 kVA
- IT rooms, small offices



IntelliHybrid™

- Hybrid UPS with flexible energy sources™
- Medium range
- Telecom shelters & distributed sites



ATHLON PrimeGuard™

- High-capacity enterprise UPS
- 60-300 kVA
- Li-Ion compatible
- Large data centres



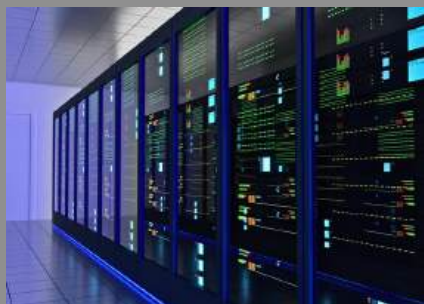
FlexiPower™

- Scalable modular UPS™
- Up to MW scale
- Optimized for indoor use with IP54 dust protection
- Hyperscale & cloud data centres



Pre-Engineered IT Rack UPS Solutions

- fully integrated racks with UPS modules and batteries, designed for enterprise IT and edge data rooms.



Edge IT &
Access Rooms



Telecom Shelters
& BTS Sites



Enterprise & Cloud
Data Centers

DEWEN™

Outdoor Power Systems Complete Integrated Solutions

Ruggedized solutions with rectifiers, inverters, batteries,
and monitoring

Mini Systems

Compact outdoor-ready DC power systems

- 1–4 kW
- 5G small cells, micro BTS



Distributed Systems

Flexible DC power systems for remote sites

- 1–3 kW
- Rural telecom, remote edge



Cabinet Systems

Medium outdoor systems with AC & DC outputs

- 5–20 kW
- Telecom base stations



High-Capacity Systems

Large outdoor systems with AC & DC outputs

- ~30 kW
- Regional hubs, core nodes



EdgePower™ Series

Integrated outdoor AC UPS systems

- 1–20 kVA, scalable to 60 kVA
- Telecom & IT edge applications



Hybrid & Renewable Systems

Outdoor DC systems with integrated solar, batteries & monitoring

- Available across Mini, Distributed, Cabinet & High-Capacity families
- Telecom, edge, and off-grid hybrid sites



Telecom BTS Sites



Remote Edge Data Rooms



Hybrid & Renewable Sites

DEWEN™

Powering Telecom & Data Networks Everywhere

From remote edge to hyperscale cloud



**5G & LTE
Towers**

Radio Access
Networks



**Telecom
Shelters**

BTS & Access
Sites



**Edge
Cabinets**

Outdoor Edge
Cabinets



**Enterprise IT
Rooms**

IT & Access
Rooms



**Cloud & Hyperscale
Facilities**

Data
Centres



**Hybrid &
Renewable Sites**

Solar-Powered
Hybrid Sit

DEWEN delivers complete power solutions across the telecom and data center landscape — DC, AC, and hybrid-ready.

Standards & Compliance

Designed to meet global telecom and
data centre requirements

DC Systems (Rectifiers, Outdoor Power)

- CE
- IEC 62368-1 (Safety for ICT equipment)
- ETSI EN 300 132-2 (Telecom DC interface)
- EN 55032 / EN 55035 (EMC)
- ITU-T Recommendations (telecom energy efficiency & hybrid best practices)
- ISO 9001, ISO 14001, ISO 45001
- RoHS / REACH

UPS Systems (AC UPS)

- CE
- IEC/EN 62040-1 (UPS Safety)
- IEC/EN 62040-2 (UPS EMC)
- IEC/EN 62040-3 (UPS Performance)
- EN 55032 / EN 55035 (EMC)
- IEC 60529 (IP protection rating, e.g., IP54)
- ISO 9001, ISO 14001, ISO 45001
- RoHS / REACH



DEWEN power solutions are tested and certified to international standards for safety, efficiency, and environmental compliance



DEWENTM

Reliable Power for Telecom & Data Centers

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DEWEN — OEM-proven technology, powering telecom and IT networks.