Digital Power®
Flexible Power Solutions

Product Families 2026

A comprehensive portfolio of high-performance power solutions engineered for industrial, medical, defense, and embedded applications.

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A FULL FAMILY OF POWER SOLUTIONS

From embedded modules to integrated vehicle systems

AC-DC POWER

AC-DC Brick Power Supply
High Density
Open Frame / Enclosed
Din Rail
External
Compact PCI (AC + DC + R)
VPX
Capacitor Charger





DC-DC POWER

Front-End
VPX
External/Desktop Adaptors
Compact PCI (shared overview)





CUSTOMIZED

Smart Switch Tactical UPS
Power Management Solution (PDU)
Military-Grade 800W Universal Chassis PSU
Low Voltage Load Disconnect
DC-DC Multi Output Converter
DC-DC Buck Converter
DC Boost Converter
Broadband Network PSU
Advanced Tactical Vehicle Electrical & Harness System





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AC-DC BRICK POWER SUPPLY

DPA & DPM SERIES | 2-150 W

DPA

2-150 W | ITE & embedded equipment

General-purpose PCB power for industrial and ITE designs; compact encapsulated modules with regulated outputs.

Applications: Embedded electronics, industrial controls and ITE equipment.

DPM

15-150 W | Medical isolation options

Choose for healthcare designs needing 2MOPP options and low leakage in an encapsulated, convection-cooled module.

Applications: Medical instruments, healthcare electronics and compact OEM systems.



Representative product family

Input range, insulation and approvals vary by series and configuration.

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HIGH DENSITY

HD SERIES | 40-1300 W general-purpose chassis power

HD | Mechanical flexibility

Open frame, U-bracket and enclosed

Broad OEM power and packaging coverage for industrial, networking and telecom systems.

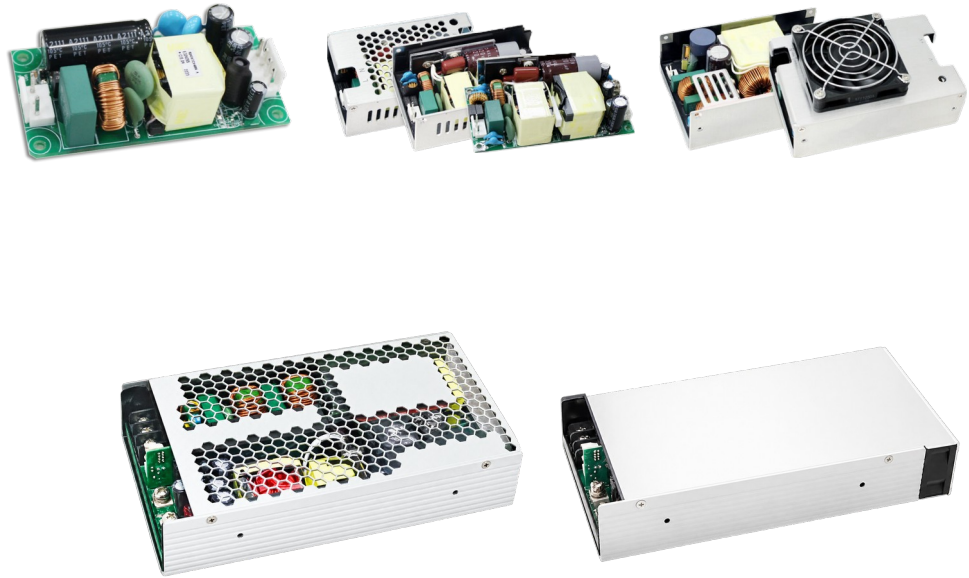
Applications: Automation, networking, telecommunications and embedded equipment.

Thermal flexibility

Convection, conduction and fan-cooled designs

Cooling options across the family; PFC, standby power and remote control on selected platforms.

Applications: Industrial systems and higher-power equipment with constrained enclosure space.



Representative product family

Maximum output depends on model, input voltage, airflow and temperature.

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HIGH DENSITY

HDM SERIES | 120-500 W medical chassis power

HDM | Medical isolation

2MOPP | IEC / EN / UL 60601-1

The medical-focused family: 4000 VAC input-to-output isolation, with 12 V, 24 V and 48 V output options.

Applications: Diagnostic instruments, patient monitoring and laboratory analyzers.

Mechanical choice

Open frame, U-bracket and enclosed

120 W, 240 W and 500 W platforms; active PFC; convection and forced-air ratings defined by configuration.

Applications: Medical carts, clinical workstations, dental and therapy equipment.



Representative product family

Medical suitability is system-dependent. Full rated power may require forced-air cooling.

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OPEN FRAME / ENCLOSED

DPGRN & DPNXT SERIES | 45-1000 W

DPGRN

45-360 W | Lower-to-mid-power OEM designs

Compact single- and multi-output platforms with open-frame or chassis/cover options; medical and ITE choices.

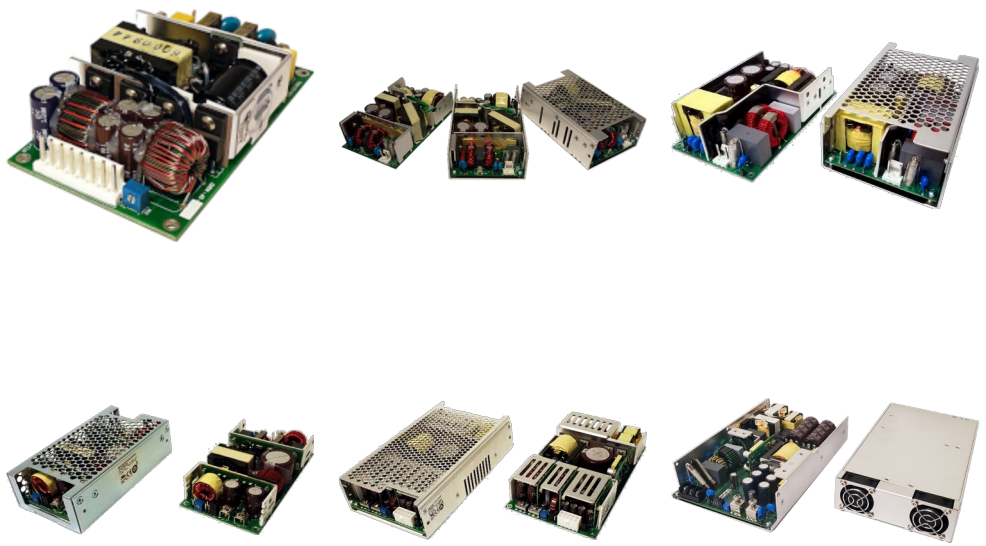
Applications: Medical electronics, instrumentation and industrial OEM equipment.

DPNXT

100-1000 W | Higher-power OEM designs

Extends the power range to 1 kW; selected platforms add power-fail warning and remote-control interfaces.

Applications: Equipment controls, healthcare systems and embedded power assemblies.



Representative product family

Family ranges summarize available platforms. Output rating and cooling are model-specific.

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OPEN FRAME / ENCLOSED

DPSRP, DPRL & USCS SERIES

DPSRP

Low-power | Compact single or multiple rails

A fit for small embedded loads with open-frame or chassis/cover packaging.

Applications: Medical, ITE and instrumentation assemblies.

DPRL

Up to 250 W | Low-profile 1U packaging

Choose when height is constrained: U-chassis or fan-enclosed formats with broad output-voltage selection.

Applications: Industrial, telecom and low-profile OEM equipment.

USCS

250 W | Modified multi-output power

Choose for tailored regulated rails, remote sense and shutdown in monitored industrial assemblies.

Applications: Utility power assemblies and monitored industrial equipment.



Representative product family

DPRL maximum rating requires specified cooling. USCS requires forced air.

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DIN RAIL

DPDH, DPDT & DPDW SERIES

DPDH

120-960 W | Single-phase input

For conventional single-phase control panels; AC/DC input capability and DC OK monitoring.

Applications: PLC panels, factory automation and process control.

DPDT

240-960 W | Three-phase input

For higher-voltage, three-phase cabinets; adjustable outputs and overload protection.

Applications: Three-phase control cabinets and machine equipment.

DPDW

Up to 480 W | Wide-input flexibility

For single- or two-phase supply architectures; wide-input designs with adjustable output and DC OK relay.

Applications: Facility systems and wide-input industrial cabinets.



Representative product family

Input ranges, protection behavior and full-power temperature limits vary by model.

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DIN RAIL

DPDN & DPSD SERIES

DPDN

Up to 480 W | Metal enclosure

Industrial metal-case construction for cabinet power, with AC/DC input and output protection.

Applications: Control cabinets, HVAC, security and industrial networking.

DPSD L

15-96 W | Slim-line housing

Choose when DIN rail width is limited; narrow formats and power-status signaling on selected models.

Applications: Dense control panels, sensors and machine subsystems.

DPSD S

12-150 W | Step-shape housing

Choose for compact building-control panels; step-shape formats with low no-load power.

Applications: Building automation, lighting controls and PLC / I/O systems.



Representative product family

Output ratings vary with the selected voltage and configuration.

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EXTERNAL

DPHPA, DPHPU & DPMPU SERIES

DPHPA

54-120 W | Dual medical / ITE safety

Standardize one desktop adapter family across healthcare and commercial equipment; C14 or C6 inlet options.

Applications: Healthcare, telecom and industrial equipment.

DPHPU

7.2-180 W | Medical wall & desktop formats

Broad medical power range; low-power versions offer interchangeable wall plugs, with desktop options above.

Applications: Home healthcare, portable medical devices and monitoring.

DPMPU

250 W | Higher-load medical desktop power

For medical loads above the DPHPU range; active PFC, low earth leakage and a C14 inlet.

Applications: Ultrasound, patient monitors and laboratory analyzers.



Representative product family

Output range, inlet, insulation and approval details depend on the selected model.

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EXTERNAL

DPEPU & DPELS SERIES

DPEPU

12-15 W | Interchangeable-plug wall power

Small Class II adapter for portable electronics; regional plug and output-connector choices.

Applications: Portable devices, Ethernet hubs and AV electronics.

DPELS

120 W multi-output / 150 W single-output

Desktop family for larger loads or multiple output rails, with medical and ITE certification coverage.

Applications: Healthcare equipment, industrial instruments and networking.



Representative product family

Input, connector and approval details depend on the selected model.

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COMPACT PCI

CPCI SERIES | AC-DC, DC-DC & ruggedized R options

CPCI AC-DC

3U: 200-300 W | 6U: 600-650 W

Choose for: AC-powered racks. Multi-output CompactPCI power with current sharing and ORing for redundancy.

Applications: Telecom, industrial automation and embedded computing.

CPCI DC-DC

3U: 200-300 W | 6U: 350-650 W

Choose for: DC-bus and battery-fed systems. Wide DC-input options with high-current, regulated output rails.

Applications: Telecom DC systems, transportation and defense platforms.

CPCI R | Ruggedized option

Available across AC-DC and DC-DC families

Choose for: Harsh environments. Conformal coating and enhanced shock / vibration performance; 6U R specifies IPC-CC-830 coating.

Applications: Rugged computing, defense and transportation.

R VARIANTS | BUILT FOR HARSH ENVIRONMENTS



3U and 6U CompactPCI families

Select AC or DC input first, then 3U / 6U size and the R option. Ratings and environmental requirements are configuration-specific.

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VPX

DPM SERIES | 800-1200 W AC-DC

DPM | 3U three-phase AC

800 W | Compact VPX form factor

Distinctive fit: Three-phase 400 Hz power in a 3U footprint; 28 V main output plus auxiliary power.

Applications: Airborne and space-constrained defense electronics.

DPM | 6U single-phase AC

Up to 1 kW class | Multiple output rails

Distinctive fit: Single-phase 85-265 VAC input, multiple regulated rails and I2C communication.

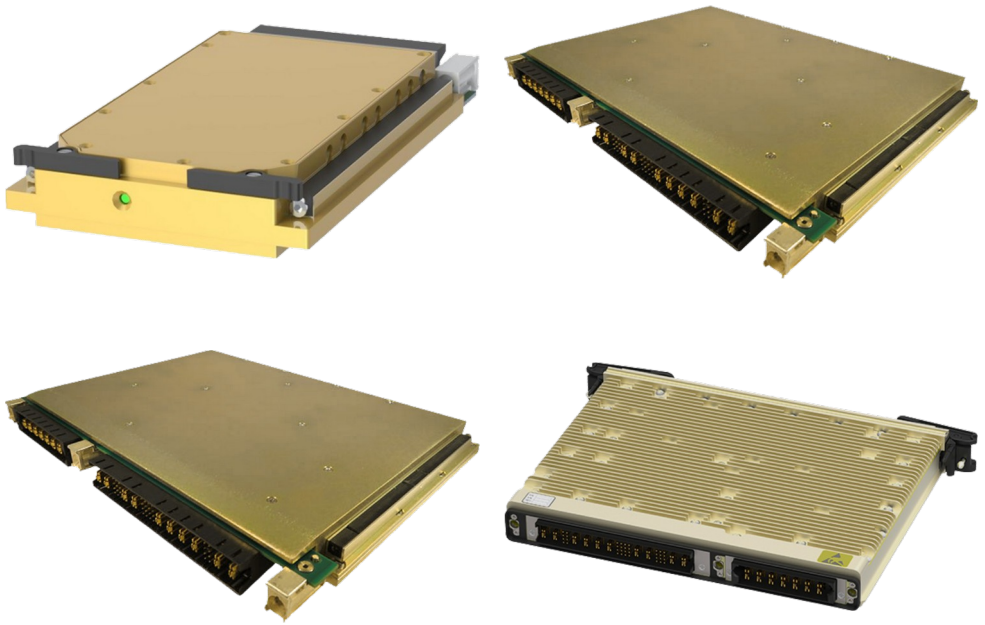
Applications: Rugged embedded racks with single-phase AC service.

DPM | 6U three-phase AC

Up to 1200 W | SOSA-aligned options

Distinctive fit: Higher power and VITA 46.11 management; air-flow-by or hold-up features on selected designs.

Applications: High-performance airborne, ground and shipboard computing.



Representative product family

Input phase, form factor, cooling, management and standards support are model-specific.

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CAPACITOR CHARGER

DPCC SERIES | 350-1000 W

Configurable high-voltage charging

300 V to 1 kV output choices in the model family

Power-factor correction; isolated AC input; voltage programming, monitoring and inhibit interfaces.

Applications: Medical and aesthetic lasers, flash-lamp systems and pulsed UV curing.

OEM integration

Enclosed modular power platform

Configurable voltage, power and control interfaces; fast response and low-noise operation.

Applications: Industrial pulsed-energy equipment and customized charging systems.



DPCC charger family - enclosure and connection views

Voltage and power are configured together; confirm the selected charger and interface requirements.

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FRONT-END

DP1300 SERIES | 1300 W DC-DC

Redundant power architecture

Nominal -48 VDC input to 12 VDC output

1+1 redundancy and hot-swap sequencing; output ORing; standby power and current sharing.

Applications: Networking, storage, compute platforms and telecom power shelves.

Managed system power

Monitoring, sensing and control

Remote sense, input/output status, enable signals and I2C management; internal fan cooling.

Applications: High-current 12 V distribution and custom OEM power systems.



DP1300 platform - assembly and interface views

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VPX

DPM SERIES | 150-1200 W DC-DC

DPM | 3U DC platforms

Compact footprint | Multiple regulated rails

Distinctive fit: Low-voltage DC conversion for smaller VPX systems; fast startup and hold-up extension options on selected designs.

Applications: Embedded defense, rugged communications and industrial control.

DPM | 6U low-voltage DC

Up to 900 W | 18-36 VDC platform

Distinctive fit: Higher-power conversion from a 28 V-class bus; conduction cooling and transient-handling capability.

Applications: Ground vehicles and aircraft with low-voltage DC distribution.

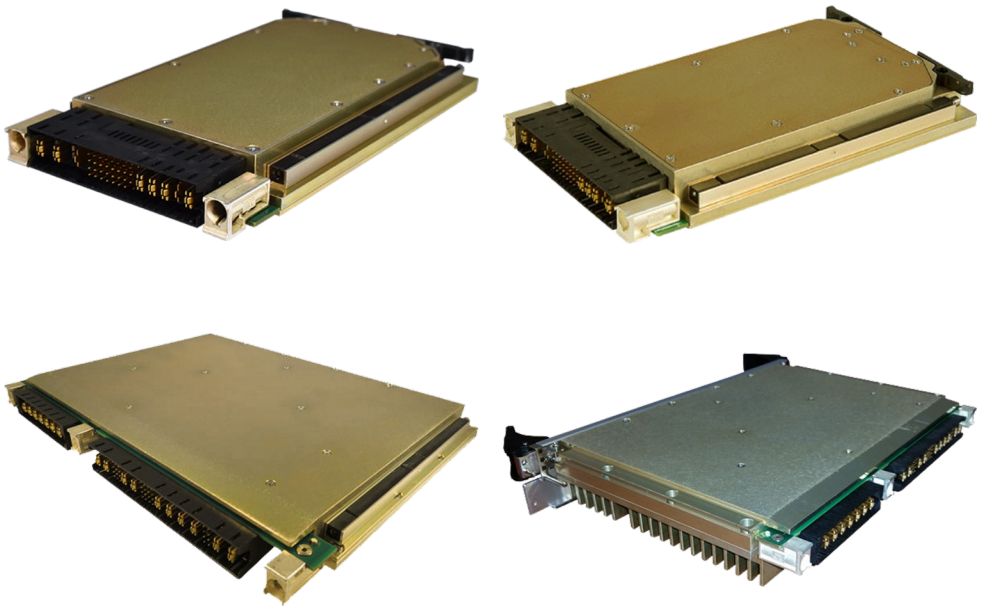
DPM | 6U high-voltage DC

1200 W | 270 VDC platform

Distinctive fit: Converts a high-voltage aircraft bus to six regulated outputs in a conduction-cooled 6U unit.

Applications: Airborne and high-reliability 270 VDC systems.

Transient compliance, cooling and management features must be selected for the specific platform.



Representative product family

EXTERNAL/DESKTOP ADAPTORS

DT-CABLE | Vehicle power connectivity

DT-Cable

12/24 VDC, 7 A | Vehicle power cable

Auxiliary-socket connection with customizable connector options.

Applications: Mobile equipment in vehicles, RVs and emergency fleets.



DT-Cable vehicle power connection

DT-Cable carries vehicle power; it is not a regulated power converter.

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SMART SWITCH TACTICAL UPS

DUP SERIES | Up to 350 W

Power continuity

Battery switching and charging in one system

10.5-36 VDC input; less than 500 microsecond switching; Li-ion and NiMH battery compatibility.

Applications: Tactical communications, mobile command systems and vehicle electronics.

Field operation

Battery and input-status monitoring

Manual on/off control, LED status and fuel gauge; rugged platform-integration options.

Applications: Transportable communications and small-team field equipment.



DUP system - battery interface and control unit

Battery, charging and installation requirements depend on the selected UPS configuration.

CUSTOMIZED

POWER MANAGEMENT SOLUTION (PDU)

PD & DCP SERIES | Vehicle power distribution

PD

Protected multi-channel distribution

The power-delivery layer: circuit protection, relay switching and service outputs for vehicle loads.

Applications: Military, emergency-response and specialized vehicle electrical systems.

DCP

Driver interface & vehicle control

The operator-control layer: instrumentation, status monitoring, lighting / load control and battery protection.

Applications: Tactical reconnaissance, off-road and custom defense vehicle integrations.



Representative product family

Channel count, current capacity and protection are configured for the vehicle architecture.

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MILITARY-GRADE 800W UNIVERSAL CHASSIS PSU

DUC SERIES | 800 W

DUC

800 W | Universal AC-DC chassis power

90-264 VAC input; dual 24-28 VDC outputs; 50 ms hold-up; ruggedized and commercial variants.

Applications: Communications shelters, deployable computing and expeditionary systems.



DUC universal chassis power platform

Input requirements and environmental ratings depend on the selected configuration.

LOW VOLTAGE LOAD DISCONNECT

DPLVD SERIES | 7-20 VDC

DPLVD

7-20 VDC | Low-voltage load disconnect

Programmable disconnect / reconnect thresholds; LED and audible alarms; IP67 sealed construction.

Applications: Tactical and emergency vehicles, transit and mobile communications.



Representative product family

DPLVD drives external relay/control loads; relay and load ratings require system-level selection.

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DC-DC MULTI OUTPUT CONVERTER

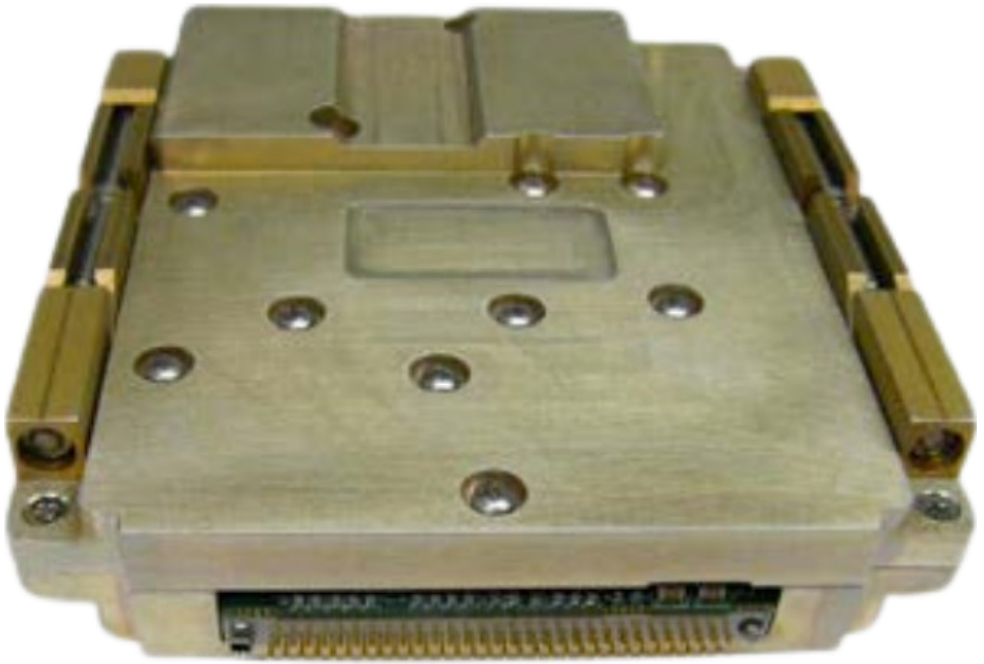
DPLVS SERIES | 17 regulated outputs

DPLVS

17 regulated outputs | 16-36 VDC input

Separate digital and analog returns; fast startup; rails for processors, sensors and auxiliary loads.

Applications: Vehicle navigation, radar, surveillance and integrated electronics.



Representative product family

Output rails and integration requirements are configured for the application.

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DC-DC BUCK & DC BOOST CONVERTERS

DN500M SERIES | 500 W tactical DC conversion

DN500M | Buck converter

500 W | 28 V vehicle platform

Regulated 24 V output; sealed IP67 construction; current sharing for parallel operation.

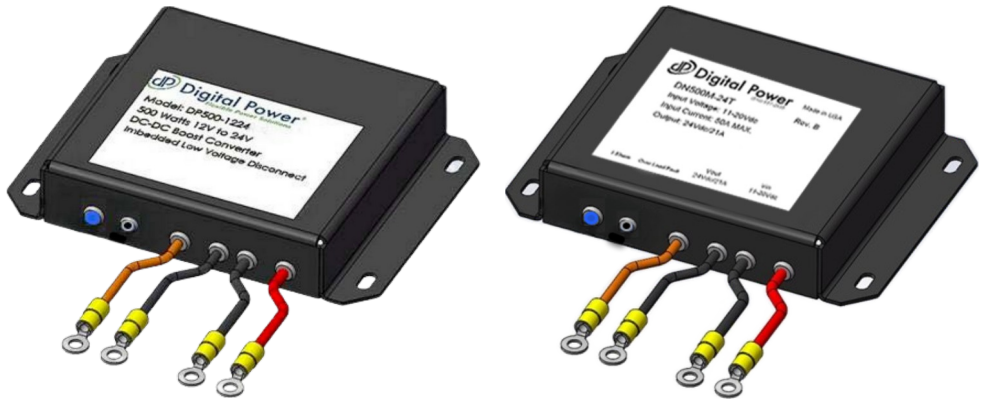
Applications: Tactical vehicles, emergency-response fleets and mobile communications.

DN500M | Boost converter

500 W | 12 V to 24 V conversion

Boost conversion for mobile equipment; sealed IP67 construction; current sharing.

Applications: Tactical vehicles, emergency-response fleets and mobile communications.



DN500M family - buck and boost conversion platforms

Input requirements and environmental ratings depend on the selected configuration.

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BROADBAND NETWORK PSU

DPQ & QP SERIES | 180-270 W

DPQ

180 W | Sealed GAP node platform

IP67 enclosure for outdoor GAP node integration; designed for ANSI/SCTE 273-1 applications.

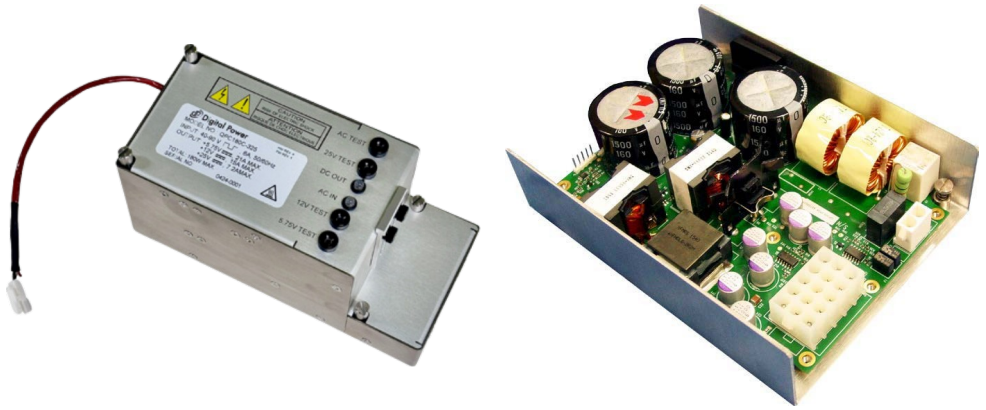
Applications: Distributed-access nodes and outdoor broadband infrastructure.

QP

220-270 W | Open-frame node platform

Higher-power, conduction-cooled dual-output designs for integration inside a sealed node housing.

Applications: DOCSIS / PON access equipment, HFC networks and vCCAP infrastructure.



Sealed and open-frame broadband power families

Input range, current-sharing and output configurations differ by platform.

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ADVANCED TACTICAL VEHICLE ELECTRICAL & HARNESS SYSTEM

DPW SERIES | 12 V / 24 V / 28 V platforms

Power and signal integration

12 V / 24 V / 28 V vehicle platforms

Modular harness architecture; EMI/RFI shielding; intelligent load management and serviceable interconnects.

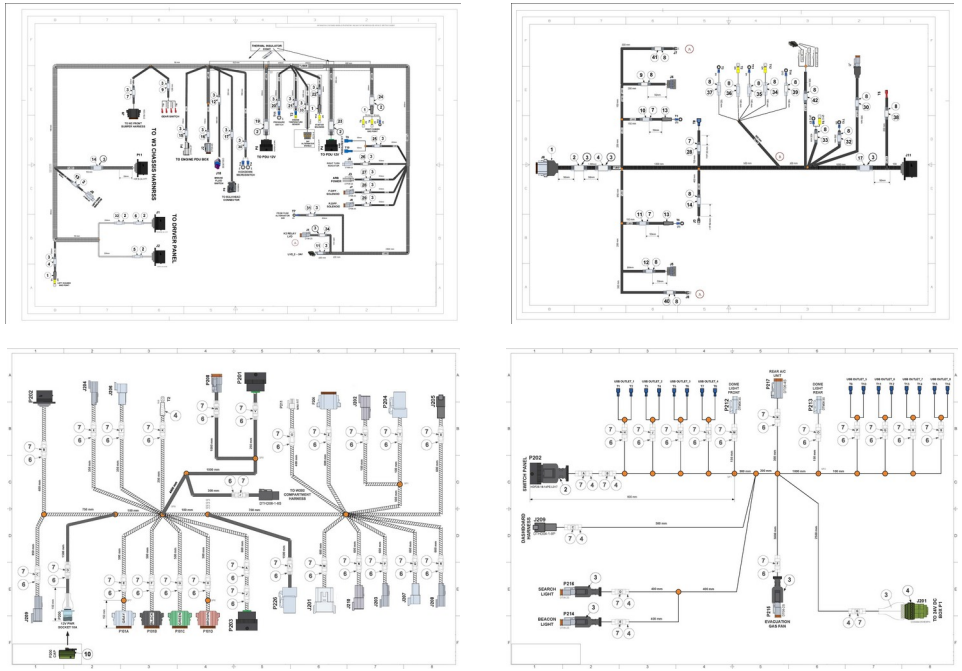
Applications: Ground vehicles, UGVs, communications and onboard sensor systems.

DPW | Configuration selection

DPW01 / DPW03 / DPW201 / DPW202

Select by the required routing, connectors and vehicle interfaces. Supplied family specifications are shared; confirm configuration-specific electrical differences with engineering.

Applications: Vehicle electrification, fleet upgrades and custom defense integration.



DPW01 / DPW03 (top); DPW201 / DPW202 (bottom) - supplied layout drawings

Environmental sealing, circuit protection and compliance requirements are configuration-specific.

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