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# Damascus DC Uninterruptible Power Supply Products

What is an uninterruptible power supply (UPS)?

Uninterruptible power supplies (UPS) protect the 24 V supply voltage against unexpected power failures. In the BLOCK portfolio, capacitive UPS solutions provide 24 V DC power supply for up to several minutes. Equipped with ultracapacitors, these solutions are designed for long service life and operation in demanding temperature ranges.

What is a DC-UPS power supply?

DC-UPS (Direct Current Uninterruptible Power Supplies) are essential wherever reliable backup of auxiliary circuits is critical to ensure system integrity and the safety of people and equipment.

What kind of battery does a DC UPS use?

Our DC UPS systems for 12 V / 24 V / 48 V provide an uninterruptible power supply and ensure fail-safe availability of process-critical systems and components. Maintenance-free supercaps, long-life and safe LiFePO<sub>4</sub> and lithium-ion battery packs, or classic lead-acid batteries are used.

Which batteries are used in a decentralised UPS system?

Maintenance-free supercaps, long-life and safe LiFePO<sub>4</sub> and lithium-ion battery packs, or classic lead-acid batteries are used. Our decentralised UPS systems provide effective protection against power failure, flicker, fluctuation, or voltage dips in DC power supplies.

Uninterruptible Power Supply (UPS) Systems are units designed to supply electrical power to external devices for a few minutes during a power outage, allowing either the device to safely ...

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The DC UPS ensures superior system availability with the uninterruptible power supply. The DC UPS continues to supply your application reliably even if the supply network fails. This ...

Uninterruptible power supplies (UPS) protect the 24 V supply voltage against unexpected power failures. In the BLOCK portfolio, capacitive UPS solutions provide 24 V DC power supply for ...

Imagine your factory suddenly losing power during peak production, or a hospital's critical equipment shutting down mid-surgery. Damascus DC uninterruptible power supply ...

Uninterruptible power supplies that use direct current (DC UPSs) are engineered to supply secondary power to ensure the uninterrupted operation of critical systems and equipment. ...

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