



**CRA
Ready**

Uninterruptible power supplies

DURAmox DC UPS

Safe and reliable 24V power supply



The new compact DURAmox DC device family fits into the tightest spaces in control cabinets and across a wide range of industries. DURAmox DC supplies PLCs, sensors and other devices with 24V voltage safely and without interruption. If the power supply unit detects a mains failure, it switches to battery operation without causing system downtime.

The DURAmox DC UPS Manager configuration software guarantees easy and secure configuration of DURAmox and the connected battery modules via the USB C interface. Both DURAmox and DURAmox DC UPS Manager were developed with an IEC 62443-4-1 certified software development process.

Your benefits at a glance

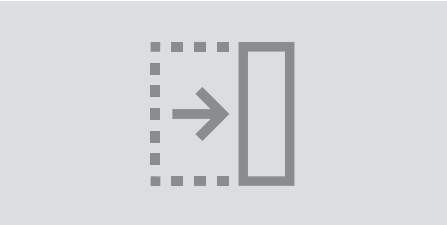
- High cost efficiency and space-saving design
- Robust metal housing
- Intuitive LED bar graph display for fast status and fault diagnosis
- Battery cold-start function enables battery-powered startup
- Time savings with PUSH IN connection technology
- Built for global cybersecurity compliance and EU CRA readiness

Approvals:



DURAmx DC UPS

Maximize the availability of automation systems



Compact design

The compact design of the 10A version, with a width of just 30 mm, saves space in the control cabinet without compromising on performance. Thanks to PUSH IN connection technology and clear terminal labeling, users can wire quickly and save time.



Robust and reliable

The DC UPS reliably detects power peaks or power failures and bridges them up in seconds to hours – depending on the energy storage device. A possible parallel connection of the battery modules extends the buffer time.



Easy to configure

The DURAmx DC UPS Manager software tool enables the customer to configure the DC UPS and the battery modules via a USB C interface.

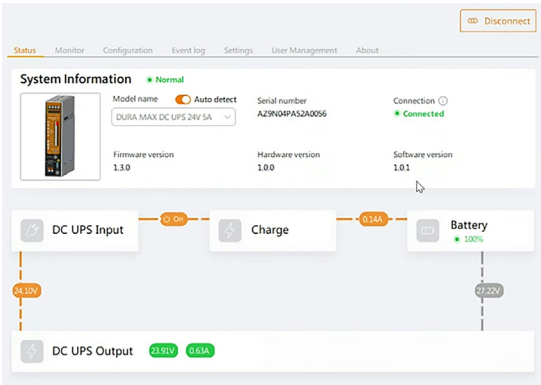
Protection against machine downtime and data loss

DURAmx is the DC UPS control for secure and reliable 24V power supply in automation systems.

The use of DURAeco battery modules delivers energy storage times up to several hours.

Buffer modules:
Maintenance-free buffer storage with 20A/40A for short voltage drops.

Battery modules:
1.2Ah to 17Ah capacities allow ideal buffer time scaling in your application.



DURAmx DC UPS Manager Dashboard

Ordering data

Type	Input		Output		Efficiency (%)		PUSH IN connection	USB C + Software	Dimensions  HxWxD (mm)	Order no.
	Input voltage range (V DC)	Input voltage (V DC)	Output current (A)	Output voltage range (V DV)	Output power (W)					
DURA MAX DC UPS 24V 5A	18 - 30	24	5	18 - 30	120	typ. 98	Yes	Yes	130 x 30 x 125	2934940000
DURA MAX DC UPS 24V 10A		24	10		240	typ. 98	Yes	Yes	130 x 30 x 125	2934950000
DURA MAX DC UPS 24V 20A		24	20		480	typ. 98	Yes	Yes	130 x 38 x 125	2934960000
DURA MAX DC UPS 24V 40A		24	40		960	typ. 98	Yes	Yes	130 x 50 x 125	2934970000

Battery modules

Type	Qty.	Order no.
DURA ECO LA-BAT 24V 1.2AH	1	2789890000
DURA ECO LA-BAT 24V 3.4AH	1	2789900000
DURA ECO LA-BAT 24V 7AH	1	2789910000
DURA ECO LA-BAT 24V 12AH	1	2789920000
DURA ECO LA-BAT 24V 17AH	1	2789930000

Additional accessories

Type	Description	Qty.	Order no.
PRO DC BUFFER 24V 20 A	For additional energy storage and ride-through support	1	2786240000
PRO DC BUFFER 24V 40 A	For additional energy storage and ride-through support	1	2786250000
Temperature Sensor CP DC UPS TF05	For temperature monitoring; 0.5 m cable included	1	1444880000
Temperature Sensor CP DC UPS TF25	For temperature monitoring; 2.5 m cable included	1	1444540000
Slotted Screwdriver SDIS 0.4x2.5x75	VDE-insulated screwdriver for rotary coding switches	1	2749790000
Slotted Screwdriver SDIS 0.6x3.5x100	VDE-insulated screwdriver for live parts	1	2749810000

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You can find our entire UPS system portfolio in the Weidmuller eShop.