



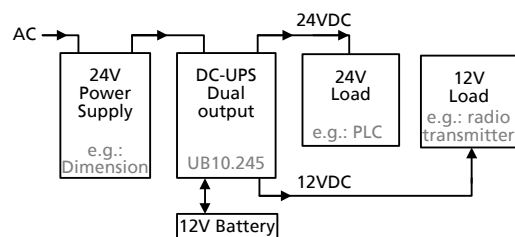
DC-UPS, DUAL OUTPUT

- 24V DC-UPS With an Additional 12V Output for Various Applications
- Only One 12V Battery Required
- Stable Output Voltage in Buffer Mode
- Superior Battery Management for Longest Battery Life
- Comprehensive Diagnostic and Monitoring Functions
- Replace Battery Signal Included
- Electronically Overload and Short Circuit Protected
- 50% Power Reserves
- 3 Year Warranty

1. GENERAL DESCRIPTION

The UB10.245 uninterruptible power supply (UPS) controller along with a standard 24V power supply and one 12V battery can bridge power failures or voltage fluctuations. This unit can supply and bridge both a 24V load as well as a 12V load at the same time. The 12V is generated by a DC/DC converter from the 24V output. Therefore, systems that utilize 24V control circuits and require 12V for e.g. remote radio telemetry can be supplied with only one UB10.245 DC-UPS controller.

The DC-UPS includes a professional battery management system which charges and monitors the battery to achieve the longest battery service life as well as many diagnostic functions that ensure a reliable operation of the entire system.



2. SHORT-FORM DATA

Input voltage	24Vdc 22.5-30Vdc	Nominal Input range
Output voltage (normal mode)	0.23V lower as input voltage 12V	Typ., 24V output 12V output
Output voltage (buffer mode)	22.25V 12V	24V output at 10A 12V output at 5A
Output current (normal mode)	0 - 15A 0 - 5A	24V output 12V output
Output current (buffer mode)	0 - 10A 10 - 15A for 5s 0 - 5A	24V output 24V output 12V output
Total output power	360W 240W	Normal mode Buffer mode
Allowed batteries	3.9Ah to 27Ah	VRLA lead acid
Temperature range Derating	-25 to +70°C 6W/°C	Operational +50 to +70°C
Dimensions	49x124x117mm	WxHxD
Buffer time	typ. 6'30"	7Ah battery module 24V 7A, 12V 5A
	typ. 54'	26Ah module 24V 7A, 12V 5A

3. ORDER NUMBERS

DC-UPS	UB10.245	24V and 12V output
Accessories	UZK12.071 UZO12.07	Battery module 12V 7Ah Mounting kit w/o battery
	UZK12.261 UZO12.26	Battery module 12V 26Ah Mounting kit w/o battery
	ZM1.WALL	Panel/Wall mount bracket

4. MARKINGS



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All parameters are specified at an input voltage of 24V, 10A output load, 25°C ambient and after a 5 minutes run-in time unless otherwise noted. It is assumed that the input power source can deliver a sufficient output current.