12V / 24V 10A LCD AUTOMATIC BATTERY CHARGER

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CATEGORY
Battery chargers and accessories

SUBCATEGORY
Automatic battery chargers for AGM batteries

PRODUCT PAGE
voltpolska.pl/produkty/prostownik-automatyczny-1224v-10a-lcd



ABOUT THE PRODUCT

Automatic battery charger 12V / 24V 10A LCD AUTOMATIC BATTERY CHARGER is designed for charging lead-acid batteries (Pb, LEAD-ACID), gel batteries and AGM used in vehicles with the “START-STOP” system. It supports 12 V batteries with a capacity from 10 to 300 Ah and 24 V batteries with a capacity from 10 to 150 Ah, used, among other applications, in cars, motorcycles and scooters.

The device automatically monitors the state of charge and monitors the voltage after charging is complete. The three-stage process includes constant-current charging, absorption charging, and maintenance and float charging. The charger eliminates battery sulfation and offers a maintenance mode for 12V/SLA batteries with a capacity of 14-230Ah.

The model is equipped with a winter mode, AGM mode, and a function for diagnosing and reactivating deeply discharged batteries. The LCD display presents information about device operation, while automatic voltage selection enables the charging of 12 V and 24 V batteries.

The charger is protected against reverse polarity, short circuit and overload, and automatically reduces the current when the temperature is too high. Protection class IP 65 permits use at an ambient temperature from -10°C to +40°C.

TECHNICAL SPECIFICATIONS

Electrical and Charging Parameters	**Charging current**	2 A / 5 A / 10 A (for 12V DC) or 2 A / 5 A (for 24V DC); selection is made using the MENU button
	Input voltage	220 - 240 V AC ~ 50/60 Hz
	Output voltage	12 V DC / 24 V DC (automatic selection)
	Charging voltage	14,3 V DC ±0,3 V DC (for 12V) or 28,6 V DC ±0,3 V DC (for 24V)
	Performance	>85%
	Generated noise	<50 dB (tested at a distance of 50 cm)

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Operating Modes	**Battery types**	Lead-acid, starter, with START/STOP system, VRLA AGM
	Charging stages	3--stage process (1. Bulk Charge / constant-current charging to approx. 80%; 2. Absorption Charge / absorption charging to nearly 100%; 3. Maintenance Charge / maintenance and float charging)
	Special modes	Mode for diagnosing and regenerating deeply discharged batteries (from 4,5V for 12V / from 16V for 24V), AGM mode / reduced-temperature mode (activated by holding the MENU button, with higher voltage thresholds)
	Protection	Protection against reverse polarity (“Err” message), short circuit, overload, automatic current reduction at excessive temperature
Dimensions and Operating Environment	**Protection class**	IP 65
	Ambient temperature	-10°C to +40°C
	Device dimensions	28,61 x 10,26 x 6,5 cm
	Net weight	867,5 g
	Individual packaging dimensions	34 x 12,4 x 10,9 cm (weight 1096 g)

PRODUCT GALLERY









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