6V/12V 15A A86 SMART BATTERY CHARGER

REGULAR RANGE

PRODUCT CODE
6PRA12866C

EAN
5903760240080

CATEGORY
Battery chargers and accessories

SUBCATEGORY
Automatic battery chargers AGM

PRODUCT PAGE
voltpolska.pl/produkty/prostownik-akumulatorowy-smart-6v1...



ABOUT THE PRODUCT

The SMART charger 6V/12V 15A A86 is an automatic microprocessor-controlled charger with PWM technology, intended for lead-acid VRLA batteries, including AGM and GEL. It supports 6 V and 12 V batteries, and the voltage is detected automatically. The intelligent system analyses the battery condition and selects the appropriate operating mode, enabling charging, regeneration, maintenance and charge retention.

The device uses a multistage, pulse charging process that limits gas formation and supports the regeneration of sulphated batteries. The control system includes constant-voltage, constant-current, boost-charging and float-charging modes. After charging is complete, the charger monitors the battery condition and automatically compensates for any voltage drops.

The charger is equipped with protection against overheating, short circuits and reverse terminal connection. The operating status is indicated by a charge-level display and audible signals. The built-in microprocessor management system automatically tests the battery after charging begins.

TECHNICAL SPECIFICATIONS

Electrical and Charging Parameters	**Charging current**	0 - 15 A
	Input voltage	110 - 250 V AC
	Output voltage	6 V / 12 V (detected automatically)
	Charging voltage	6 V (from 2 to 7,4 V) / 12 V (from 8 to 14,5 V)
	Voltage frequency	50/60 Hz
	Maximum output power	250 W

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

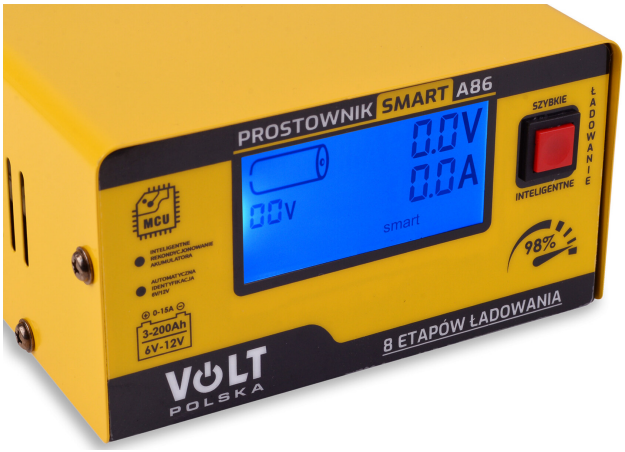
GENERATED: 2026-10-30 16:10

TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protections	**Charging system**	8--stage, fully automatic (pulse, PWM)
	Supported batteries	Lead-acid, maintenance-free VRLA (AGM, GEL)
	Protection	Protection against overheating (> 150°C cutoff), short circuits and reverse polarity (audible signal)
	Protection class	IP 20
Dimensions and Operating Environment	**Device dimensions**	17,5 x 13,5 x 7,5 cm
	Net weight	0,95 kg
	Ambient temperature	-30°C to +50°C
	Single-package dimensions	24 x 15 x 9 cm

PRODUCT GALLERY





VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

PRODUCT GALLERY - CONTINUED











VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot

NIP 5851458032 | REGON 221142660

KRS 0000372066

voltpolska.pl

(58) 500-85-62

hurt@voltpolska.pl

pomoc@voltpolska.pl

This datasheet was generated automatically; technical data and images are for reference only and may change without notice. To the extent permitted by law, VOLT POLSKA accepts no liability for any errors or inaccuracies in this datasheet.