SMART A80 CHARGER 6V / 12V / 24V 15A

REGULAR RANGE

PRODUCT CODE
6PRA12A824

EAN
5903760240097

CATEGORY
Battery chargers and accessories

SUBCATEGORY
Automatic chargers for starter batteries (automotive)

PRODUCT PAGE
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ABOUT THE PRODUCT

SMART A80 is a microprocessor-controlled charger with PWM technology, designed for automatic charging of lead-acid - VRLA batteries, including AGM and GEL. It supports 6V, 8V, 12V, 14V, 16V and 24V batteries, while the intelligent system automatically tests the battery and selects the appropriate operating mode.

The device uses a multistage charging process comprising constant voltage, constant current, maintenance charging and float charging. The pulse-charging system operates in a cycle of 5 seconds of charging and 1 seconds of pause, supporting desulfation and regeneration of a discharged battery.

The charger provides protection against short circuits, reverse polarity and overheating. The display indicates the battery charge level, while audible signals indicate full charging or incorrect connection. After charging is complete, the device automatically maintains the battery charge level.

TECHNICAL SPECIFICATIONS

Electrical and Charging Parameters	**Charging current**	0 - 15 A
	Input voltage	150 - 250 V AC
	Output voltage	6 V / 8 V / 12 V / 14 V / 16 V / 24 V (automatic detection)
	Charging voltage	6 V (2 - 7,4 V) / 12 V (8 - 14,5 V) / 24 V (18 - 29 V)
	Maximum output power	250 W
	Voltage frequency	50/60 Hz

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TECHNICAL SPECIFICATIONS - CONTINUED

Functions and Protection	**Charging system**	W fully automatic, 8--stage with PWM technology
	Pulse charging	5 s charging / 1 s pause (supports desulfation)
	Protection	Against short circuits, reverse polarity and overheating (cut-off at >150°C, restart at 80°C)
	Supported batteries	Lead-acid - VRLA (including AGM and GEL)
Dimensions and Operating Environment	**Device dimensions**	13,5 x 17,5 x 7,5 cm
	Net weight	0,95 kg
	Operating temperature	-30°C up to +50°C
	Protection class	IP 20
	Unit packaging dimensions	24 x 15 x 9 cm (weight 0,2 kg)

PRODUCT GALLERY





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