ABC Charger 1220

12 V built-in charger for professional use with adjustable charging characteristic for gentle charging of the battery.

// For all types of lead batteries
// Also available in protection class II
// 15 selectable charging characteristics
// Complies with DIN 14679:2024-02

The ABC 1220 charger: Optimal charging of 12 V batteries with a charging current of 20 A. In addition, a remote display or a temperature sensor (CTS) can be connected. The battery charging is fully automatic and microprocessor-monitored with selectable charging characteristic - thus an optimal and gentle charging is guaranteed.

Technical Information

CBL connection	No*
Charging current	20 A*
Connector, AC input	Schuko plug (type F)*
Connector Temperature Sensor	Yes*
Output voltage (DC)	12 V*
Power category	600 W - 800 W*
Protection class	I*
Remote display connection	Yes*
Battery capacity	60 Ah ... 200 Ah
Building main fuse	B16 A/C16 A
Cable length, AC input	2 m, 0.75 mm²
Cable length, DC output	2 x 2 m, 6 mm²
Charging characteristic	15 selectable charging programms
Complies with DIN 14679:2024-02	yes
Input frequency range	47 Hz ... 400 Hz
Input voltage (AC)	230 V
Input voltage range	90 … 270 V
International Protection (IP class)	IP21
Level of efficiency	? 88 %
Main charge	14.2 V/14.4 V
On/Off switch	Yes
Operating temperature	-30 °C ... +60 °C
Ripple	< 3 %
Switching frequency	100 kHz
Dimensions (L x W x H)	220 x 112 x 73 mm
Weight	1.5 kg

*In the chosen option

Technical Information

Trickle charge	13.6 V/13.8 V
Type of battery	Lead acid (wet, gel, AGM)

*In the chosen option