



ACC-PB PB Accumulator Charger



Technical parameters:

Electrical source	grid1, N, PE230V/50Hz
Maximum input	40W
Nominal current	0.25A
Output of lead-based accumulator	12VDC
Nominal voltage of charger	13.8V
Current limit of charging source	2.4A, protection against shorts
Number of accumulators charged simultaneously	1
Surrounding temperature	0°C-40°C
Relative humidity	10%-80% without cond.
Case	IP65/20
Dimensions	320 x 200 x 160mm
Weight without accumulator	6kg

Use:

The charger for Pb accumulator ACC-PB is used for charging 12V lead-based batteries with a maximum capacity of 100Ah, that is for powering electronic backup systems. A gas-tight accumulator or other accumulator with optional connector (e.g. LS-01-B for spark-free laser) can be charged, although only one battery at a time. Lead-based accumulators are charged using a steady 13.8V and current limited to 2.4A.

The charger is designed to be mounted on the wall. A 12V lead-based accumulator is placed in the case and connected using two faston connectors. This way only gas-tight accumulators can be charged. Larger or gas accumulators are placed outside the case and connected with an optional connector on the charger. Connecting to a 230V electrical outlet is done by using a fixed inlet feed on the bottom of the case.

Description:

The ACC-PB charger consists of a case with a bracket for a gas-tight, lead-based accumulator, a pulsed charging source with faston connectors, input terminals, fuses and switch. A fixed 230V inlet feed is connected to the input terminal through a Pg9 plastic bushing. An optional connector for charging larger batteries can be connected through a second Pg9 bushing.

A 13.8V pulsed charging source is indicated by a green LED light. The output current is internally limited to a value of 2.4A. A maximum of one 12V lead-based accumulator can be charged at a time. Connecting to a network is done only after connecting the accumulator. Startup sources switched off by internal safeguards remain disconnected from the network for 5 minutes before being reconnected.

The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.