



# Chargers for Traction Batteries

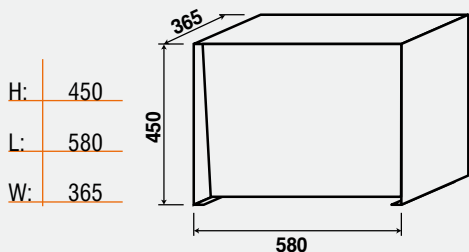
## ECO Single Phase (Wa) Series

### Technical Characteristics

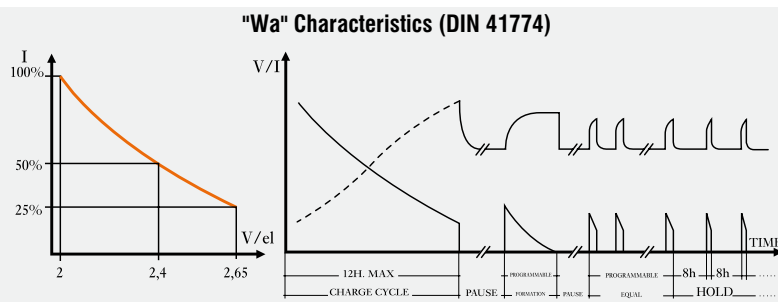
- 230V-50Hz single phase supply, adjustable to +/-5%, or +/-10%
- Microprocessor control with dip switch
- 220V coil three-pole contactor
- DC fuse on rectifier output
- Rectifier bridge with snubber protection
- Short check of functions and times
- Option to program the equalization charge automatically
- Lab tested electronic circuit conforming to the directive on electromagnetic compatibility and CE marking
- Automatic shutdown of the battery charger due to battery disconnection
- Timed equalization charge
- Charging with decreasing current (Wa characteristic): 9-10h charging time
- Transformer thermal protection
- Modular assembly
- Epoxy powder coating, oven baked
- Colour: RAL 2004
- Complete with mains and battery cables



### Box Dimensions



### Characteristic Curves





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## ECO Single Phase (Wa) Series

Product Range							
Product Range	Battery Capacity (Ah) Charging Period (9-10 h)	Voltage Main (V)	P (kW)	Box Dimensions (mm)			Unit Weight (kg)
				Length	Width	Height	
24V-60A	max 350	230	2.30	580	365	450	38
24V-80A	max 480	230	3.08	580	365	450	40
24V-100A	max 600	230	4.00	580	365	450	42
24V-120A	max 700	230	4.65	580	365	450	50
36V-60A	max 350	230	3.40	580	365	450	39
36V-80A	max 480	230	4.55	580	365	450	41
36V-100A	max 600	230	5.70	580	365	450	43
36V-120A	max 700	230	6.80	580	365	450	51
48V-60A	max 350	230	4.50	580	365	450	40
48V-80A	max 480	230	5.90	580	365	450	42
48V-100A	max 600	230	7.40	580	365	450	44
48V-120A	max 700	230	9.20	580	365	450	52
72V-60A	max 350	230	6.50	580	365	450	43
72V-80A	max 480	230	9.20	580	365	450	45
80V-60A	max 350	230	7.30	580	365	450	44
80V-80A	max 480	230	10.00	580	365	450	46

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