

Battery Charger and Tester *curatio* APL-4 48V

Technical specifications Article-No. 10094 and Article-No. 10095

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Free programmable discharging and charging of two different batteries at the same time.
Batteries are connected via two 4-mm safety plugs (Article-No. 10094) or
Batteries are connected via 15-pin d-connector with external program memory (Article-No. 10095)

Programmable battery types, voltages and currents:

Nickel-Cadmium batteries (NiCd)	12 - 24 Cells
Nickel-Metal-Hydrate batteries (NiMH)	12 - 24 Cells
Lithium-Ion batteries (Li-Ion)	4 - 10 Cells
Lead batteries	7 - 18 Cells

Free programmable discharging and charging voltage between 3,0V - 45,0V
at charging via I/U characteristics;

Total charge and discharge current 6.0A;

Charge and discharge current for each channel separately programmable from 20mA - 3.0A,
programmable in 5 mA steps;

Programmable operations:

Charge; Discharge; Discharge - Charge; Charge - Discharge - Charge;

Multiple Discharge - Charge (Conditioning) 2 - 6 cycles or auto mode;

Discharge - Charge with repeated Discharge - Charge after xx days; Number of days programmable;

Start various operations by the keys;

Detection of the capacity charged and discharged into the battery;

Measurement of self-discharge;

Charging the NiCd and NiMH batteries with and without reversal pulses;

Discharge with measurement of the battery voltage under charge current or without charge current;

Display via illuminated LCD with 2 x 16 digits;

Two LEDs per channel for "dis charge / charge " and "program end / battery defect";

Operation via 4 push buttons; Texts in the display switchable German / English;

Optional programming and data acquisition on the PC via the *curatio*WIN3 PC software.

Interface RS 232, 9600 bps, 9 pin sub-d-connector; Optional external USB adapter;

Power supply 85 - 264V, 47 – 63 Hz, 320VA, PFC

Dimensions / Weight 350 mm x 300 mm x 115 mm; 6.6 kg; Metal housing;