

Battery Testing and Charging System

BTL 2016/2 (30596)

BTL 2016/3 (30595)

BTL 2016/4 (30594)

BTL 2016/2 with Temperature Monitoring System (30862)

BTL 2016/3 with Temperature Monitoring System (30863)

BTL 2016/4 with Temperature Monitoring System (30864)



Product Characteristics

- Using the battery testing and charging system, your batteries are always ready to go and it is also possible to charge auxiliary equipment like torches or radios, for example.
- The battery testing and charging system detects automatically whether a battery system or a 12- or 24-volt vehicle battery is connected and adapts the charging voltage automatically.
- The battery testing and charging system runs with a four-wire system. This means that you can connect any vehicle (12 V / 24 V) at any parking space.
- Charging cables of up to 50 m (4 × 2.5 mm²) per unit are possible.
- The fully automatic processor-controlled battery testing and charging system is particularly suitable for long-term charging.
- On detecting defective batteries and power failures, the battery testing and charging system issues an alarm.
- The gentle charging process ensures a long service life for the battery.
- Display of operating and error messages.
- No sparking on connection. Depending on the battery's measuring result, the system continuously pulses a charging current of 0 A to a maximum of 16 A.
- You can connect any type of external monitoring equipment or alarms to the po-

tential-free alarm output. This means that the battery testing and charging system plays its part in securing parking spaces.

- You can enhance the battery testing and charging system with an Industrieelektronik Pözl GmbH temperature monitoring system. The system shows the temperature on the display and adapts the charging behaviour to the temperature response.

Intended Use

The battery testing and charging system is intended exclusively for gentle, pulsed charging and trickle charging rechargeable lead-acid batteries with a minimum capacity of 32 Ah.

The battery testing and charging system is fitted with a maximum of 4 slots for connecting to 2, 3 or 4 battery systems or vehicles with a rated battery voltage of 12 V or 24 V.

For all lead-acid batteries (lead-acid accumulators) with a rated voltage of 12 V or 24 V that are used in vehicles.

Technical Data

Power supply	230 V / +10 % / -15 %
Mains frequency	50 Hz
Power consumption	1800 W max.
Rated output voltage for charging and trickle charging	30 V / 16 A max.
Minimum battery capacity	32 Ah
Ambient temperature	-20 °C / +50 °C
Dimensions (W x H x D)	478 x 165 x 365 mm
Weight	12 kg approx.
Length of charging cables	4 x 2.5 mm ² (50 m max.)
Protection class	Protection class I (according to DIN EN 61558)
Degree of protection	IP 21
Potential-free alarm output	10 A / 230 V max.
Item numbers	BTL 2016/2: 30596 BTL 2016/3: 30595 BTL 2016/4: 30594 BTL 2016/2 with temperature monitoring system: 30862 BTL 2016/3 with temperature monitoring system: 30863 BTL 2016/4 with temperature monitoring system: 30864

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