

BGW BATTERY GUARD WATERPROOF

FEATURES

- Can be set to connect / disconnect at different voltages
- Batteries last longer
- Prevents damage to connected components
- Protects against excessive voltage caused by faulty alternators or chargers
- Microprocessor controlled

APPLICATIONS

- Prevents excessive discharge of batteries
- Ideal for:
 - Marine
 - Automotive
 - Recreational vehicles
 - Industry
 - Solar



40 Amps

TECHNICAL SPECIFICATIONS

Model	BGW 40
ELECTRICAL	
Input voltage range	6 ... 35 V
Maximum continuous output current (@25 °C)	40 A
Peak current (@25 °C)	300 A (± 0.7 sec)
Voltage drop	40 mV @ 40 A
Current Output active	3.2 mA
Consumption Output inactive	3.2 mA
Voltage accuracy	2%
Current accuracy	10%
Maximum status / alarm output load	100 mA
INPUT & OUTPUT CONNECTOIN	
Minimum wire diameter	10 mm ²
Bolt size	M6
Cable lugs	Cable lugs must match the cable diameter used
FASTON CONNECTIONS	
Minimum wire diameter	1.5 mm ²
Faston plug	6.3 mm
MECHANICAL	
Mounting hole (Ø)	4.2 mm
Distance between mounting holes (centre to centre)	50 mm, ± 1 mm
Weight	155 g
Dimensions (H*W*L)	32*72*62 mm
IP Code	IP66
Housing material	PU552
Housing colour	Black
Cooling concept	Convection and conduction

Technical Specifications subject to change without notification.

TECHNICAL SPECIFICATIONS

Model	BGW 40
GENERAL	
Operational ambient temperature	-10 °C ... +40 °C
Storage temperature	-25 °C ... +85 °C
Operational air humidity	Up to 95%, non-condensing
Galvanic insulation	No
Remote contact switch-off	Yes
PROTECTION	
Overcurrent / Short circuit	Yes (after 1 minute restart)
Overheating, shutdown	Above 85 °C (after 1 minute restart)
Polarity protection	Yes, with fuse in the minus (-) line

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