SAMLEX EUROPE® B.V.

# 12-24V/400A

## BGW Battery Guard Waterproof

Model

BGW 400
400 Amps
12-24V

### 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 controled

### Applications

- Marine
- Automotive
- Recreational vehicles
- Industry
- Solar

| MODEL NO. | BGW 400 |
|---|---|
| **ELECTRICAL** | |
| INPUT VOLTAGE RANGE | 6 - 35 VDC |
| MAXIMUM CONTINUOUS OUTPUT CURRENT (@25 °C) | 400 A |
| PEAK CURRENT (@25 °C) | 2000 A (±0.6 sec) |
| VOLTAGE DROP | 50 mV @ 400 A |
| CURRENT OUTPUT ACTIVE | 3.2 mA |
| CONSUMPTION OUTPUT INACTIVE | 3.2 mA |
| VOLTAGE ACCURACY | 2% |
| CURRENT ACCURACY | 20% |
| MAXIMUM STATUS / ALARM OUTPUT LOAD | 100 mA |
| **INPUT & OUTPUT CONNECTIONS** | |
| MINIMUM WIRE DIAMETER | 120 mm2 |
| BOLT SIZE | M10 |
| CABLE LUGS | Cable lugs must match the cable diameter used |
| **FASTON CONNECTIONS** | |
| MINIMUM WIRE DIAMETER | 1.5 mm2 |
| FASTON PLUG | 6.3 mm |
| **MECHANICAL** | |
| MOUNTING HOLE (Ø) | 4.5 mm |
| DISTANCE BETWEEN MOUNTING HOLES (CENTRE TO CENTRE) | 190.0 mm + 71.5 mm (4 holes) |
| WEIGHT | 1040 g |
| DIMENSIONS | 87.5 X 52.5 X 206 mm |
| IP CODE | IP66 |
| HOUSING MATERIAL | PU552 |
| HOUSING COLOR | Black |
| COOLING CONCEPT | Convection and conduction |

**NOTE:** Specifications are subject to change without notice

SAMLEX EUROPE® B.V.

# 12-24V/400A

## BGW Battery Guard Waterproof

Model

BGW 400
400 Amps
12-24V

| MODEL NO. | BGW 400 |
|---|---|
| **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 5A fuse in the minus (-) line |

**NOTE:** Specifications are subject to change without notice