BRK®

WIRED

SM6W10A

- **LED INDICATORS SIMPLIFY MAINTENANCE & REPLACEMENT**
- **10-YEAR SEALED BATTERY BACKUP**

CAT. SM6W10A, SM6W10A-CP



SMOKE ALARM

HARDWIRED SMOKE ALARM WITH BATTERY BACKUP

LED ALARM INDICATORS
End-of-life warnings with light signals to provide advanced warning and efficient diagnostics

SOFTCUE™ REPLACEMENT REMINDERS
Reduce disruptive alarm chirps

TRIM RING
Simplifies replacement installs (optional)

INTERCONNECT
When one sounds, all compatible alarms sound.
Works with most hardwired First Alert® and BRK alarms.*

PRECISION DETECTION™ Advanced Sensing Technology

10-YEAR • 10-ANS LIMITED WARRANTY GARANTIE LIMITÉE

Certified to | Conforme aux normes CSA 6.19-17

PHOTOELECTRIC PHOTOÉLECTRIQUE

Intertek 3055574 MODEL SM6W10A MODÈLE SM6W10A

ARCHITECTURAL AND ENGINEERING SPECS

The smoke alarm is a BRK Model SM6W10A and provides at minimum the following features and functions:

1. Photoelectric smoke-sensing with a 10-year service life
2. Powered by 120V AC, 60Hz
3. Sealed 10-year lithium battery (sealed powercell/backup)
4. A solid-state piezo horn rated at 85 dB at 3 meters (10 feet)
5. The unit shall have a plug-in connector and be capable of interconnection with up to 18 alarms, 12 of which can be smoke alarms
6. Visual Power LED indicator to confirm the unit is receiving power
7. The unit shall have an “end of life” signal (five chirps) and be capable of temporary silencing for up to two days, after which the signal will resume. After about two weeks, the signal cannot be silenced
8. Latching feature easily identifies the initiating alarm after condition has been addressed
9. Silence feature—temporarily silence unwanted nuisance alarms
10. The unit shall perform self-diagnostic tests and issue a malfunction warning (three chirps) if the unit malfunctions
11. Two locking features—tamper resistant locking pins that lock the battery drawer and/or alarm to the mounting bracket
12. The unit shall be capable of operating between 4.4°C (40°F) and 38°C (100°F) and relative humidity between 10% and 95%
13. Interconnect with First Alert smart alarm (SC5) to enable app alerts and remote monitoring so you’re notified when a hazard is detected
14. The test button should check all alarm functions by stimulating the chamber to simulate a smoke condition, causing the unit to alarm.
15. The unit shall have a gasketless base for easy installation and be capable of keeping alarm secure over a wide rotation range to allow for true alarm alignment
16. A fully screened sensing chamber resists entry of dust and small insects thereby helping reduce the probability of unwanted alarms
17. The unit shall at a minimum meet the requirements of CSA 6.19-17

TECHNICAL SPECS

Alarm Dimensions:	**13.21cm W x 13.21cm H x 4.70cm D**
Weight:	**195.04 g**
Battery:	**10-Year Sealed**
Operating Voltage:	**120V AC @ 60Hz, 0.7A**
Temperature Range:	**4.4° – 38°C (40° – 100°F)**
Humidity Range:	**20% – 95% RH (Agency Compliance – 93% max.) non-condensing**
Audio Alarm:	**Meets or exceeds current UL standards of 85 dB at 3 meters (10 feet)**
Test/Silence:	**Push and release center button to test and silence alarm**
Interconnections:	**Yes**
Indicator Lights/Sounds:	
Smoke Alarm LED:	**2 seconds on, 2 seconds off—smoke latch 3 beeps with red flashes—smoke alarm 4 beeps with red flashes—CO alarm 4 seconds on, 4 seconds off—CO latch**
Power LED:	**Constant green—AC power**
Replace Device LED:	**2 yellow flashes per minute—clean device 3 beeps with yellow flashes—malfunction 5 beeps with yellow flashes—end of life 6 soft beeps with yellow flash—pre-warning**

* Up to 12 smoke alarms and 6 other alarms. Refer to product manual for compatible alarms.

See back for installation instructions.

INSTALLATION OF ALARM

Follow placement instructions outlined in the user's manual in sections titled "Where To Install This Alarm" and "Where Not To Install This Alarm". Interconnected units must meet ALL of the following requirements:

- A maximum of 18 compatible units may be interconnected (Maximum of 12 Smoke Alarms).
- The same fuse or circuit breaker must power all interconnected units.
- The total length of wire interconnecting the units should be less than 300 meters (1000 feet). This type of wire is commonly available at Hardware and Electrical Supply stores.
- All wiring must conform to Canadian electrical codes.
- Refer to your local building code for further connection requirements.

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