

SF SONIC™
BATTERIES

MORE POWER PER CRANK

FLASH START



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GET THE FLASH START ADVANTAGE!

SF Sonic Flash Start Car & SUV batteries use proprietary technology developed by the SF team of scientists to pack more power in each cell. For your vehicle this translates to:



FASTER STARTS

Start in a flash as the charge is released faster



BRIGHTER LIGHTS

The headlights will blaze even when the engine is off



LOUDER HORNS

Get traffic ahead to give way on the congested roads

SF Sonic Flash Start battery will continue to deliver more power per crank throughout its warranty period. Now you can be confident of starting even the coldest winter morning, year after year!

THE BENEFITS

- High Cranking Power • High Heat Tolerance • Vibration Resistance • Long Life • Deep Discharge • Improved Safety • Zero Maintenance

ACTIVOR ALLOY GRID



SF Sonic Flash Start Batteries are made with Activor alloy in a radial grid with lead distribution based on current density, which is far superior to traditional lead-antimony grids. The principal constituents are:

Calcium Silver to increase corrosion resistance and heat tolerance, while reducing bench charging frequency. As a result the battery lasts longer and maintains its starting power over time.

DOPANT A to make the positive plate extremely hard and resistant to shattering. This improves vibration resistance and prevents water loss, thereby increasing battery life.

DOPANT B to increase the cycle life and charging ability of the negative plate. It also reduces 'gassing' to increase endurance of the battery. This unique combination of materials makes SF Sonic unbeatable in all driving conditions through the years.

POST BONDING



The fully automated post bonding ensures deeper and more consistent bond with dimensional uniformity and lower resistance for longer life.

SIDE VENTING SYSTEM



The side venting system is designed to improve battery safety and prevent corrosive acid spills.

- Built-in flame arrester • Superior drain-back design • Improved gas exit profile • Reduces acid spewing in overcharge • Directs gas away from connections

THE FITMENT

The sophisticated design provides improved fitment, particularly in vehicles with sloping hood lines and top hold-downs

- Greater clearance • Variety of hold-downs • Off-center lugs

BATTERY DIMENSION CHART

| Ah Rating | Brand | Warranty Period (In Months) | Battery SAP Code | Battery overall dim. (L x W x H) mm |
|-----------|----------------------|-----------------------------|----------------------|-------------------------------------|
| 32 | SF SONIC Flash Start | 18 + 18 | FFSO-FS1080-32R | 197 x 129 x 227 |
| 35 | | 30 + 30 | FFSO-FS1800-35L | 197 x 129 x 227 |
| 35 | | 30 + 30 | FFSO-FS1800-35R | 197 x 129 x 227 |
| 35 | | 24 + 24 | FFSO-FS1440-35L | 197 x 129 x 227 |
| 35 | | 24 + 24 | FFSO-FS1440-35R | 197 x 129 x 227 |
| 35 | | 18 + 18 | FFSO-FS1080-35R | 197 x 129 x 227 |
| 35 | | 18 + 18 | FFSO-FS1080-35L | 197 x 129 x 227 |
| 45 | | 24 + 24 | FFSO-FS1440-55LS | 238 x 129 x 227 |
| 65 | | 18 + 18 | FFSO-FS1080-65L | 260 x 173 x 225 |
| 65 | | 18 + 18 | FFSO-FS1080-65R | 260 x 173 x 225 |
| 44 | | 18 + 18 | FFSO-FS1080-DIN44 | 210 x 175 x 190 |
| 50 | | 18 + 18 | FFSO-FS1080-DIN50 | 210 x 175 x 190 |
| 55 | | 18 + 18 | FFSO-FS1080-DIN55 | 210 x 175 x 190 |
| 60 | | 18 + 18 | FFSO-FS1080-DING0 | 243 x 175 x 190 |
| 65 | | 18 + 18 | FFSO-FS1080-DING65LH | 278 x 175 x 175 |
| 74 | | 24 + 24 | FFSO-FS1440-DIN74 | 278 x 175 x 175 |
| 65 | | 18 + 18 | FFSO-FS1080-70R | 260 x 173 x 225 |
| 65 | | 18 + 18 | FFSO-FS1080-70L | 260 x 173 x 225 |
| 68 | | 24 + 24 | FFSO-FS1440-68L | 231 x 175 x 225 |

