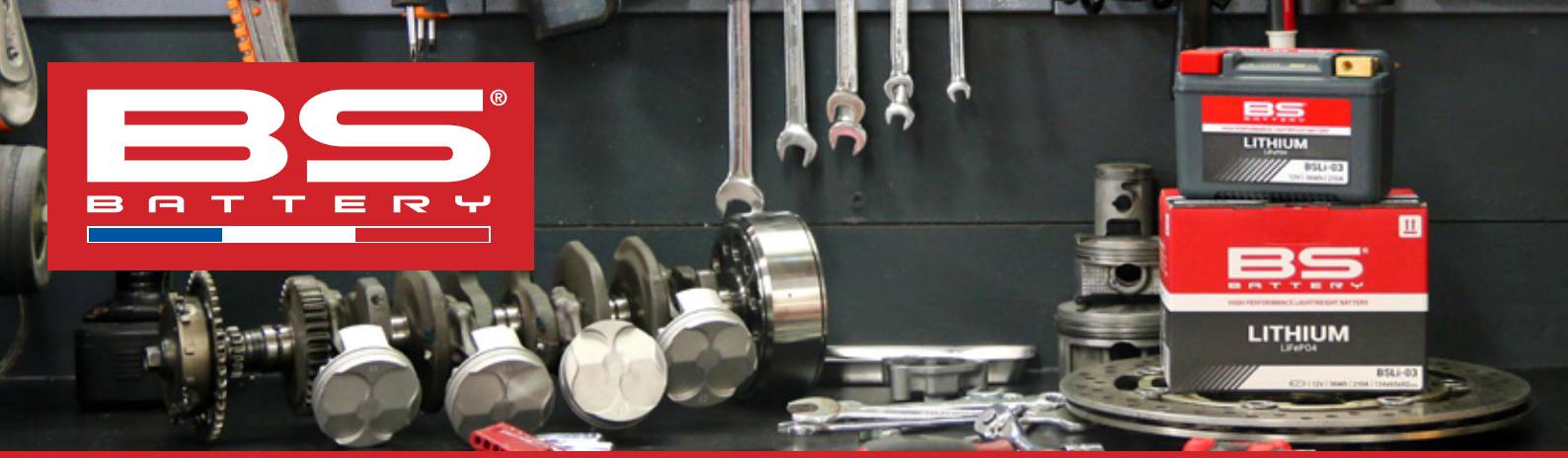


LITHIUM BATTERIES - USER GUIDE

MAIN FEATURES & BENEFITS

Ready to use
No need for preparation, just plug and play

Heat resistance
Heat temperature resistance up to 230°C

Cold temperature performance
Impressive cold cranking performance

Waterproof design
Silicone sealant for excellent sealing performance

Very safe and environmental friendly
No Acid, no leakage risk, no heavy metal, no toxic

Multi-positionning mounting
Up to 180°C, non-spillable

Fast charging
Super fast charging capabilities

Very low self-discharge
Can start engine after a long period of storage

Lighter weight
Up to 70% lighter than comparable lead acid batteries
Perfect application for racing, off-road and heavy bikes

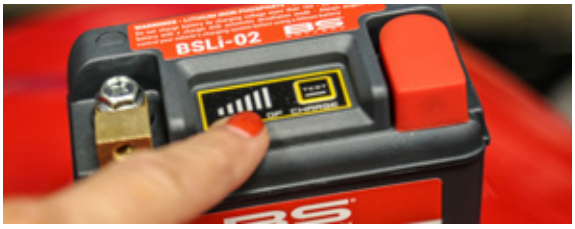
Extensive cycle life
Over 2.000 cycles

Robust brass terminals
For enhanced electrical and mechanical performance

INSTALLATION

- Check the battery state before installation. An initial charge is always recommanded:

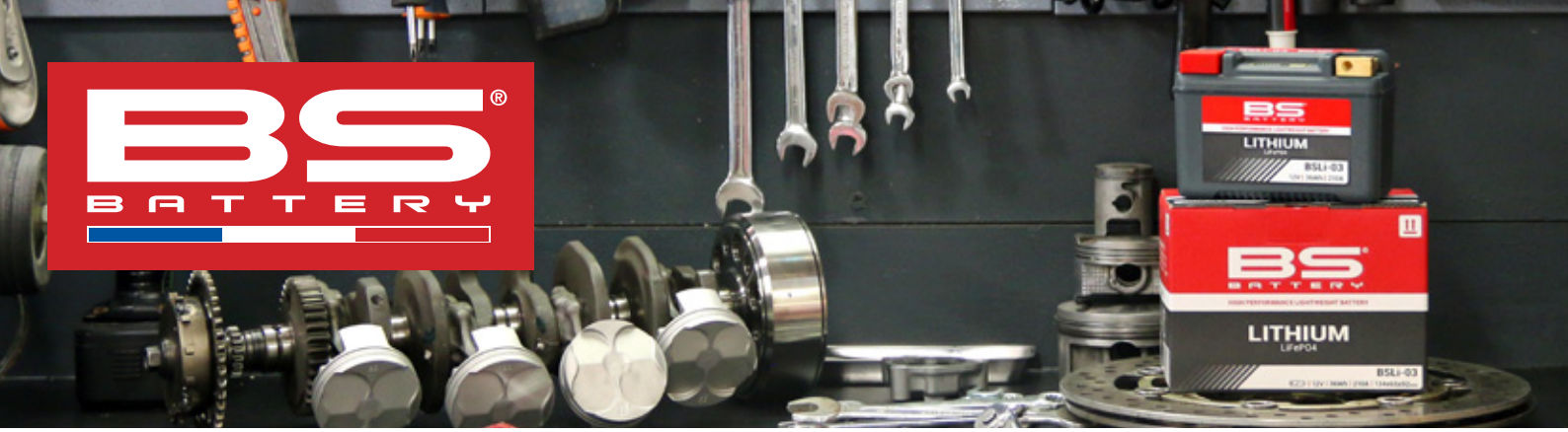
Ready to use	
Charging suggested	
Charging necessary	
Abnormal	



- Have a professional the electrical system of your motorcycle tested to ensure it functions properly before installation (to avoid any overcharging).

- The vehicles electrical system needs to be limited in voltage between **14-15V** when charging.
  - The battery cannot be full charged if the charging voltage is less than 14V.
  - The battery would be damaged if the charging voltage exceeds 15V.

- Only use Lithium batteries on new bikes: for vehicles built before the mid-1990's with generators and/or with external voltage regulators, you must change the voltage regulator to a new modern electronic type as overcharge will damage the battery.



USE

- During starting procedure, each starting attempt should not exceed 5 seconds, an interval of 5 seconds minimum between 2 starting attempts should be respected.
  The battery should rest at least 3 minutes after 5 starting attempts.

- Lithium batteries have a reduced starting capacity during cold weather (below <0°C).
  If this results in the incapability to start the engine there are a few ways to deal with this:
  1. Connect a Lithium compatible charger for 30 seconds.
  2. Turn on the lights for 1-2 minutes before starting (to warm up the battery).

CHARGING

- Never charge a lithium battery with a Lead Acid charger with desulfation program.
  Irreversible damage to the battery will occur.

- Never maintain the battery during a long period. Lithium batteries don't support a trickle-charge in the way a Lead Acid battery does.
  We recommend to make periodically a 30 minutes charge (every 2 months).

- Never charger the battery with a higher current than 2C (2C corresponds to 2x the battery capacity).
  This is the MAX charging current accepted.

- To maximize the battery lifespan, ensure that the charging time does not exceed 30 minutes while charging at the maximum current even if the battery is completely discharged.

STORAGE

- The battery should be stored with 70% state of charge max (approx.).

- During storage, the battery should be charged once every 6 months.

- Check during storage regularly the voltage and in case it would drop below 12.4V, recharge as described on the charging instructions.