

# On the road to a better energy future

24M® has re-engineered the battery from the ground up to provide practical solutions to the industry's toughest challenges – **cost, safety, performance and recycling**. With LiForever™, a semisolid electrode, and its broad technology portfolio, 24M is helping global manufacturers and OEMs build a better battery and pave the way to a greener future.

## The Power of 24M

Invented in MIT labs, 24M's LiForever is a transformative cell design that removes the need for binders to streamline battery construction, improve overall performance and dramatically enhance recyclability. Its unique design and manufacturing process eliminates half the steps of conventional lithium-ion battery production, making battery production simpler, safer and more sustainable.

Unlike standard lithium-ion technology, 24M LiForever offers revolutionary safety and reliability. With industry-leading abuse tolerance and virtually no risk of metal contamination, the 24M battery provides unmatched durability under demanding conditions. And, the binder-free electrode design simplifies recycling, enabling direct in-plant reuse of active materials. In short, it's a better battery for a better energy future.

## The Revolutionary 24 LiForever Lithium-Ion Platform

### Conventional: 12 Steps



### 24M: 6 Steps



Reduces production floor space by 30–40%

Reduces new facility costs by 40–65%