

Titan Advanced Energy Solutions

IonView-Ultrasonic 2nd life Li-Ion State of Health - 1 second test



Track 2 – Separation and Sorting

Project Focus:

- Rapid State of Health Testing
- Increase 2nd Life Use of Li-Ion Batteries



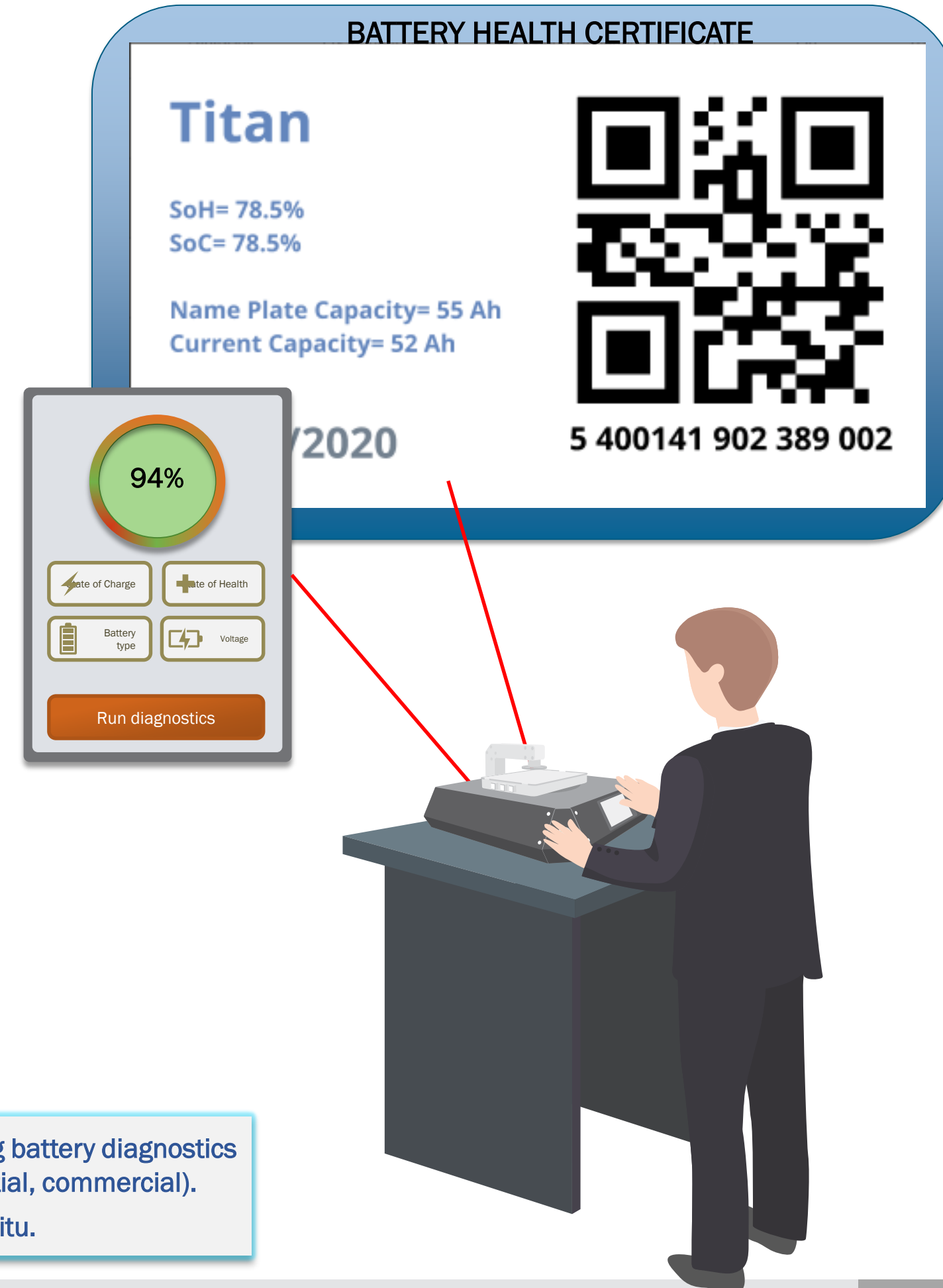
Titan IonView 2L Ultrasonic Battery Analyzer

KEY FEATURES:

- Fast testing ~2 seconds
- Accuracy at 99% (SoH/SoC)
- Battery connection not required
- Low CAPEX Unit for
- Enables Scan as a Service Model (SaaS)
- Connected to Cloud for SaaS model
- Ready for Market end of Q2 2020



Gen 1 Titan 2L Testing Device
"Scorpion" - (March '20)



Titan 2L dramatically shifts the economics of energy storage by cost-effectively performing battery diagnostics and giving used EV batteries a second life in stationary storage solutions (ESS-residential, commercial).
An expensive, lengthy, and remote process is now fast, accurate, and in-situ.

Potential Phase 2 Collaborators:

- **2nd Life Battery Integrators**
- **Battery Data Life Cycle Tracking Platforms**
- **Battery Manufacturers**