

# PPE, Tools & Equipment for BESS

## Required for Both Air-Cooled and Liquid-Cooled Systems

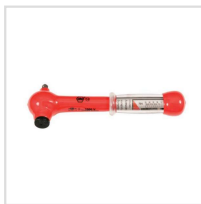
The following tools are essential for all BESS maintenance and troubleshooting work, regardless of cooling system type.



### Multimeter

#### PURPOSE

Voltage, current, and continuity checks



### Torque Wrench

#### PURPOSE

Ensures proper tightening of electrical connections



### Thermal Camera

#### PURPOSE

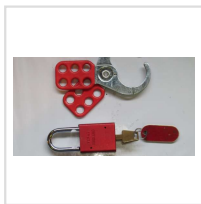
Detects hot spots and thermal anomalies



### Insulation Resistance Tester (Megger)

#### PURPOSE

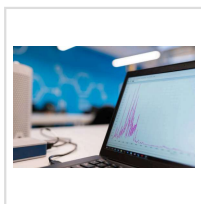
Checks insulation integrity



### Lockout/Tagout Kits

#### PURPOSE

For safe isolation of electrical systems



### Battery Management System (BMS) Interface Tools

#### PURPOSE

Diagnostics and firmware updates

#### Note:

BESS-specific tool. Interface methods vary by manufacturer.