

Lithium-ion and Nickel Metal Hydride Battery Transport Statement

Lithium-ion Batteries

Effective April 1, 2016, the International Air Transportation Association (IATA) issued lithium-ion State of Charge (SoC) limits. Standalone lithium-ion cells and batteries must be offered for transportation at a SoC not exceeding 30% of their rated design capacity. ***This SoC requirement does not apply to lithium-ion batteries packed with or contained in equipment.***

<http://www.iata.org/whatwedo/cargo/dgr/Pages/lithium-batteries.aspx>

Socket Mobile's DuraScan 700 Series, SocketScan 800 Series and 7Qi/7Xi Barcode Scanners, are packed with a lithium-ion battery or contain a lithium-ion battery in the device. As such the 30% SoC limitation does not apply when shipping these barcode scanners. The lithium-ion battery in each of Socket Mobile's barcode scanners is less than 100 watt-hours and have been designed to meet international safety certification standards. All Socket Mobile batteries are tested, certified, and in compliance with the standards and rules listed below.

- United Nations (UN) Transport Regulations UN3481, PI 966 and PI 967, Section II: Covers battery safety during air transport.
- Underwriters Laboratory (UL) 1642: Standard for Lithium Batteries; UL 60950-1 covers the use of batteries in information technology equipment.

Socket Mobile sells spare standalone lithium-ion batteries. These batteries are in compliance with the standards and rules listed below.

- UN Transport Regulations UN3480, PI 965, Section IB.
- Tested in accordance with 38.3 of the UN Manual of Tests and Criteria for compliance.
- Lithium-ion batteries are offered for transport at a SoC not exceeding 30% of their rated design capacity.
- The batteries have less than 20 watt-hours per cell and less than 100 watt-hours per battery.
- The batteries are isolated in the packaging to avoid short circuits.
- The packs are marked with a warning notice that clearly states that the pack contains lithium batteries and must be quarantined, inspected, and repacked if damaged.
- For air transport, the total mass does not exceed 10 kilograms per pack.

Nickel Metal Hydride Batteries

Socket Mobile's 7 Series barcode scanners 7Ci/7Di/7Mi/7Pi are packed with two AAA nickel metal hydride batteries in the device. Under the (UN 3496) nickel metal hydride batteries are not restricted as per Special Provision A123.