

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 600/700 Series, SocketScan 800 Series and S550 Reader/Writer contain a lithium-ion battery in the device. The 30% SoC limitation does not apply when shipping these products. The lithium-ion battery in each of Socket Mobile's devices are 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 II.
- 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 SocketScan 700 Series barcode scanners are packed with two AA nickel metal hydride batteries in the device. Under the (UN 3496) nickel metal hydride batteries are not restricted as per Special Provision A123.