

CERTIFICATION FOR LITHIUM BATTERY

Concerning the transport according to the Dangerous Goods regulations of the different transport modes as in force since January, 1st 2003 and changes effective from 2009.

We certify that the following BATTERY PACK is of the type proved to meet the requirements of each applicable test in the recommendations on the
TRANSPORT OF DANGEROUS GOODS
UN MANUAL of TESTS and CRITERIA, Part III, sub-section 38.3, Rev. 6.

| LITHIUM ION BATTERY PACK | |
|---------------------------------|--|
| Battery model: | BV140HDminiW |
| Nominal Voltage – Capacity: | 14.4V 9.9Ah |
| Watt-hour rating: | 143 Wh |
| Classification: | UN3480 - Lithium Ion batteries |
| Class: | 9 - Miscellaneous Dangerous Goods |
| ICAO/IATA Packing Instructions: | PI 965 Section 1A |

| # | PERFORMED TEST | | SCOPE | RESULT |
|---|----------------|------------------------|--------------|--------|
| 1 | 38.3.4.1 | Altitude simulation | Battery Pack | ✓ Pass |
| 2 | 38.3.4.2 | Thermal test | Battery Pack | ✓ Pass |
| 3 | 38.3.4.3 | Vibration | Battery Pack | ✓ Pass |
| 4 | 38.3.4.4 | Shock | Battery Pack | ✓ Pass |
| 5 | 38.3.4.5 | External short circuit | Battery Pack | ✓ Pass |
| 6 | 38.3.4.6 | Impact | Cells | ✓ Pass |
| 7 | 38.3.4.7 | Overcharge | Battery Pack | ✓ Pass |
| 8 | 38.3.4.8 | Forced-Discharge | Cells | ✓ Pass |

Report ID:

MLIFIBQB72344521a

Reggio Emilia, 20-Nov-2017

Pietro Vignali
(director)