

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. 5.

LITHIUM ION BATTERY PACK	
Battery model:	BV190HD
Nominal Voltage – Capacity:	14.4V 13.2Ah
Watt-hour rating:	190 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

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Reggio Emilia, 15- Jan-2014

Pietro Vignali
(director)