

Test report

Number T251-0068/23 A1

Project file: C20211681

Date: 2023-11-07

Pages: 5

Product: Li-Ion battery pack

Type reference: BP 18 Li 8,0 HP-ASI

Ratings: 18 V DC;
Protection class: III

Trademark: **FESTOOL**

Applicant: BMZ Poland Sp. z o.o.
Ul. Alberta Einsteina 9, 44-109 Gliwice, Poland

Manufacturer: BMZ Poland Sp. z o.o.
Ul. Alberta Einsteina 9, 44-109 Gliwice, Poland

Place of manufacture: BMZ Poland Sp. z o.o.
Ul. Alberta Einsteina 9, 44-109 Gliwice, Poland

Summary of testing

Testing method: KDB 447498 D01 General RF Exposure Guidance v06

Testing location: SIQ Ljubljana
Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia

Remarks: Date of receipt of test items: 2022-03-17
Number of items tested: 1
Date of performance of tests: 2023-01-25
The test results presented in this report relate only to the items tested.
The test items were tested in the condition as received.
The product complies with the requirements of the testing methods.

Tested by: Nik Vončina

Approved by: Luka Tosoetto



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CONTENTS		page
<u>1</u>	<u>GENERAL</u>	<u>3</u>
1.1	EQUIPMENT UNDER TEST	3
<u>2</u>	<u>ASSESSMENT PROCEDURE</u>	<u>4</u>
<u>3</u>	<u>MEASUREMENTS / CALCULATIONS</u>	<u>5</u>

1 GENERAL

History sheet			
Date	Report No.	Change	Revision
2023-10-20	T251-0068/23 A1	Initial Test Report issued.	--
2023-11-07	T251-0068/23 A1	This test report substitutes previously issued test report T251-0068/23, dated 2023-09-13, due to amendment of the test report. Modified testing method to KDB 447498 D01 only.	1.0

1.1 Equipment under test

Li-Ion battery pack

Type: **BP 18 Li 8,0 HP-ASI**

Environment: Uncontrolled / General Public

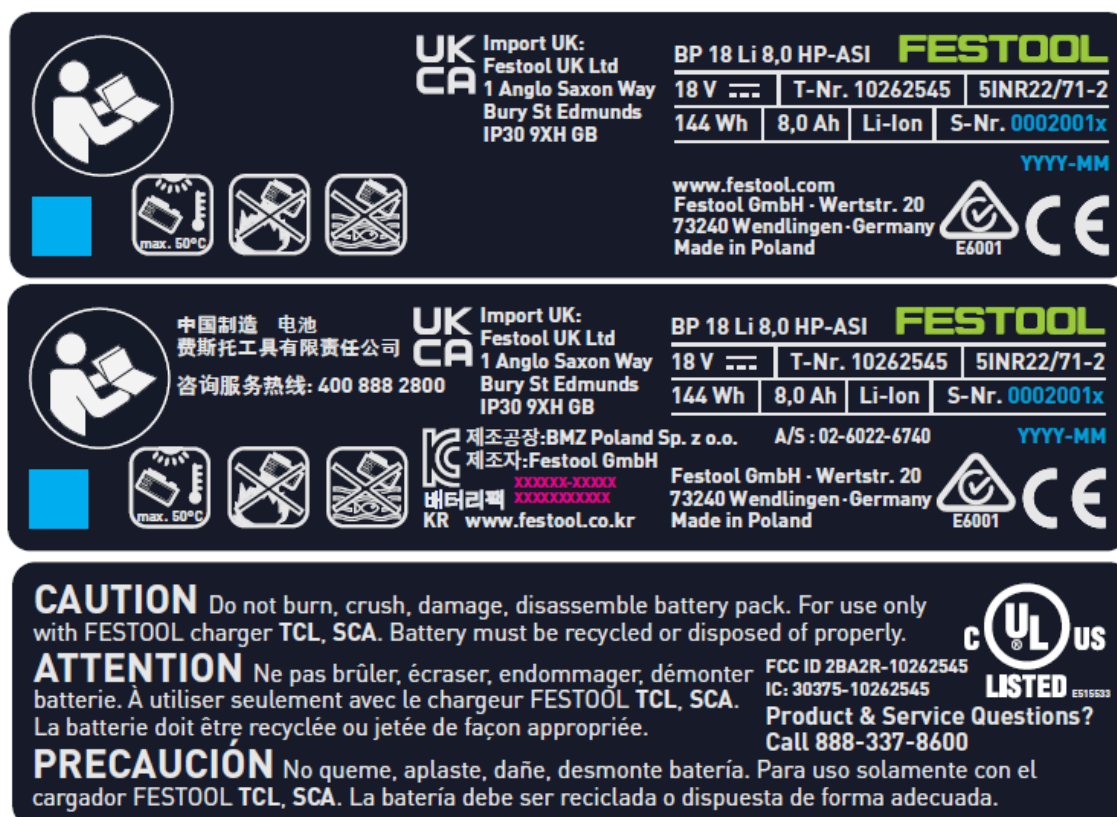
Assessment distance: 5 mm

FCC ID: **2BA2R-10262545**

Reviewed test report T251-0735/22 from SIQ Ljubljana.

Copy of marking plate (examples):

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.





2 ASSESSMENT PROCEDURE

KDB 447498 D01 General RF Exposure Guidance v06 Clause 4.3.1. Standalone SAR test exclusion considerations

SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.

For frequencies between 100 MHz and 6 GHz, the following may be considered for SAR test exclusion:

- $$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \left[\sqrt{f_{\text{(GHz)}}} \right] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
 - $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz



3 MEASUREMENTS / CALCULATIONS

KDB 447498 D01 General RF Exposure Guidance v06 Clause 4.3.1:

Frequency (MHz)	Maximum* power with tune-up (dBm)	Maximum* power with tune-up (mW)	SAR Test Exclusion Threshold (mW)
2402-2480	0.3	1.0715	9.525

* Gated power with Duty Cycle calculated in

** maximum tolerance provided from manufacturer is ± 2 dB.

Conclusion: PASS; SAR Evaluation is not required due to SAR Test Exclusion Thresholds are met.

There is no simultaneous transmission between any other transmitter.