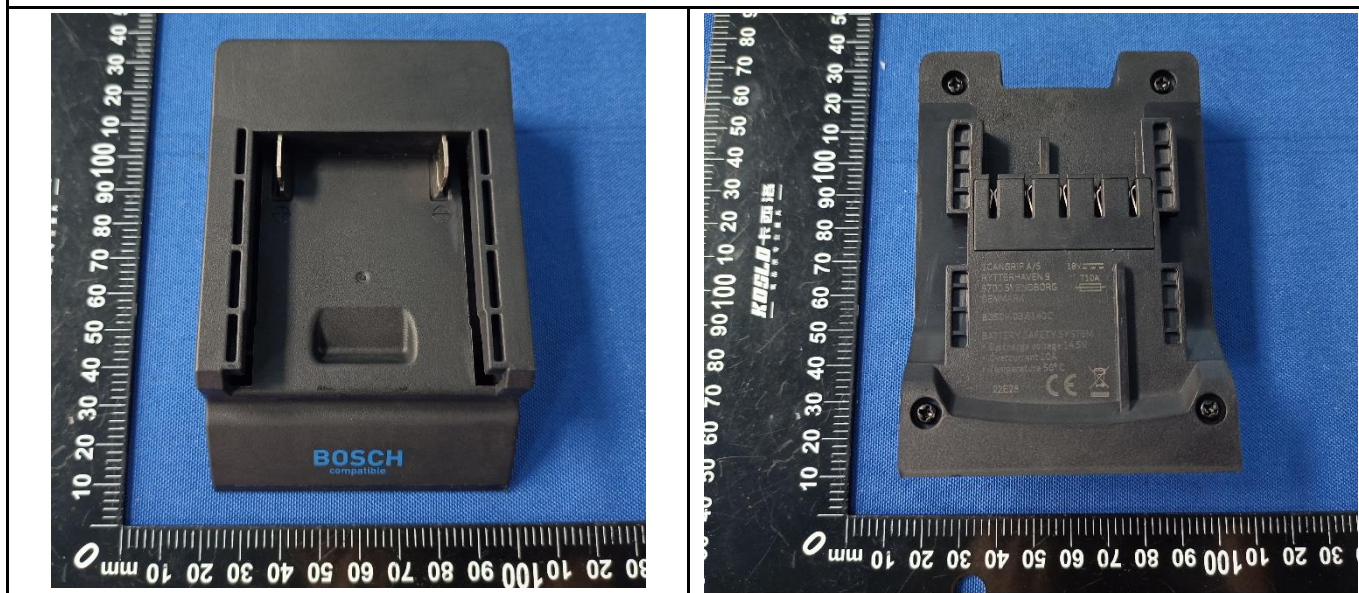


Test Report No.:	CN22FSJT 001	Order No.:	168379999	Page 1 of 13		
Client Reference No.:	N/A	Order date:	Jul-01-2022			
Client:	Scangrip A/S Rytterhaven 9 5700 Svendborg, Denmark					
Test item:	SCANGRIP CONNECT					
Identification / Type no. :	See model No. in page 2					
Order content:	Test Report					
Test specification:	Tested per requirement from client (See test content in report)					
Date of receipt:	N/A	See product photo from page 3				
Test sample No.:	A2206217-C01-S0001 to S0016					
Testing period:	Jul-07-2022				to	Jul-07-2022
Place of testing:	See page 2					
Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.					
Test result*:	Pass					
Tested by:		Reviewed by:				
<i>Eddie Tan</i>		<i>Abel Li</i>				
Jul-19-2022	Eddie Tan / Project Engineer	Jul-19-2022	Abel Li / Technical Reviewer			
Date	Name / Position	Signature	Date	Name / Position		
Other:						
The completed test report includes the following document:						
The report with cover page (13 pages).						
Condition of the test item at delivery:			Test item complete and undamaged			
*Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested						
This test report only relates to the a.m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.						

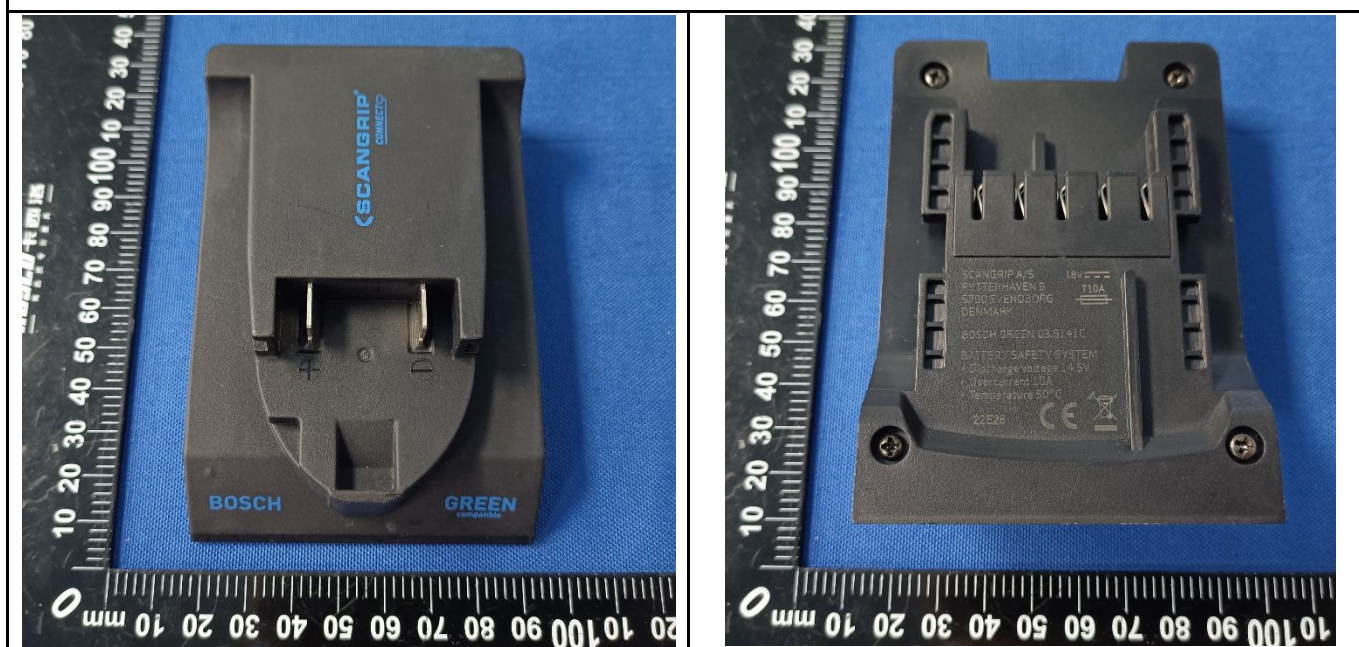
Test Report No.:	CN22FSJT 001	Page 2 of 13
Model No.	03.6140C CONNECT BOSCH 03.6141C CONNECT BOSCH GREEN 03.6142C CONNECT DEWALT 03.6143C CONNECT EINHELL 03.6144C CONNECT FEIN 03.6145C CONNECT FLEX 03.6146C CONNECT HAZET 03.6147C CONNECT HIKOKI 03.6148C CONNECT MAKITA 03.6149C CONNECT MILWAUKEE 03.6150C CONNECT WÜRTH 03.6151C CONNECT SNAP-ON 03.6152C CONNECT INGERSOLL 03.6153C CONNECT FESTOOL 03.6154C CONNECT RIDGID 03.6155C CONNECT BERNER	
Ratings	18Vdc	
Overcurrent Fuse	10A	
Discharge voltage protection	14.5Vdc	
Temperature Protection	50°C	
Manufacturer	Same as client	
Factory	Same as client	
Place of testing	SHENZHEN ALPHA PRODUCT TESTING CO., LTD. Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen, Guangdong, China	
Remark	The inside circuit of all models are identical, only different in outer enclosure. Tested on model 03.6140C to represent others. All CONNECTORS are for using with Scangrip CONNECT lamps.	

PRODUCT PHOTOS:

03.6140C CONNECT BOSCH



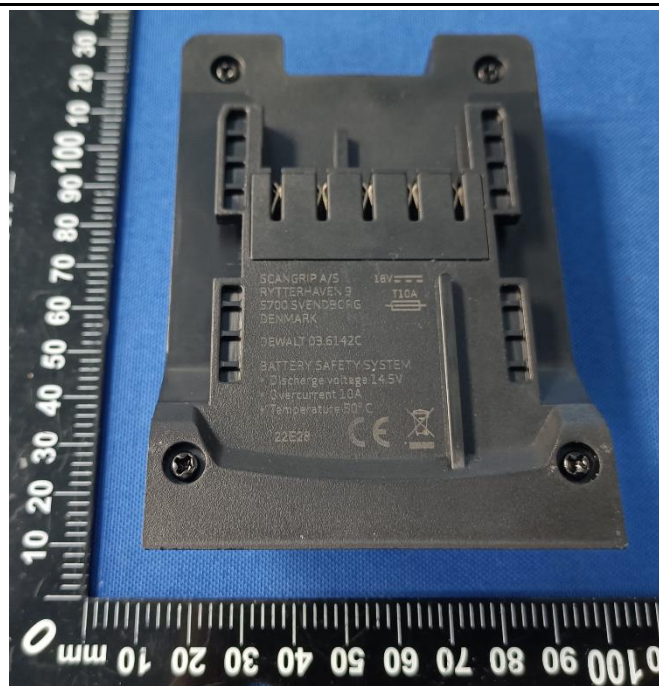
03.6141C CONNECT BOSCH GREEN



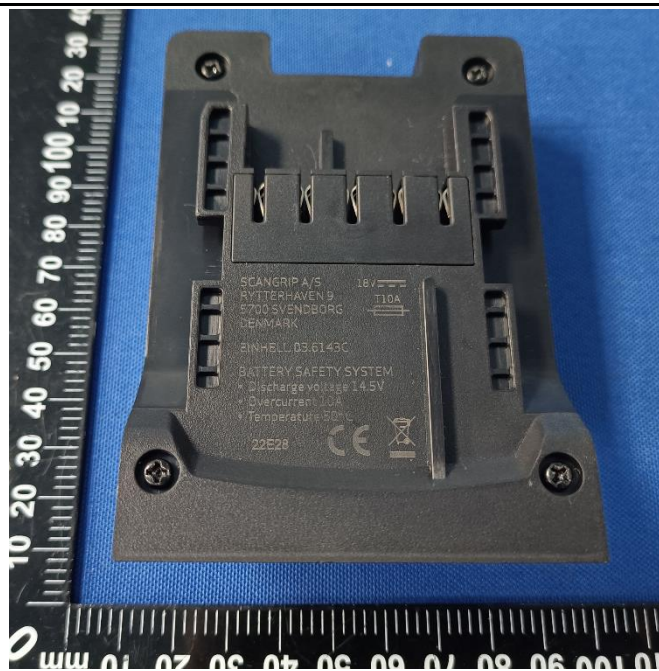
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03.6142C CONNECT DEWALT



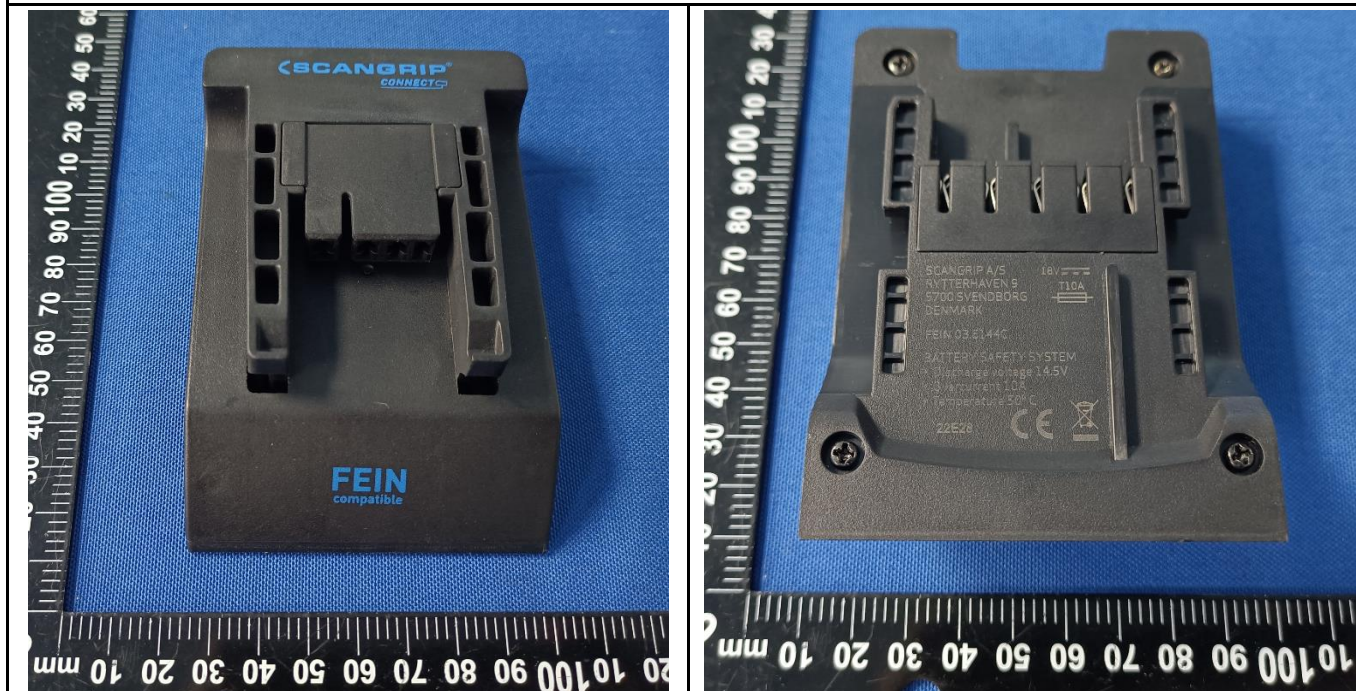
03.6143C CONNECT EINHELL



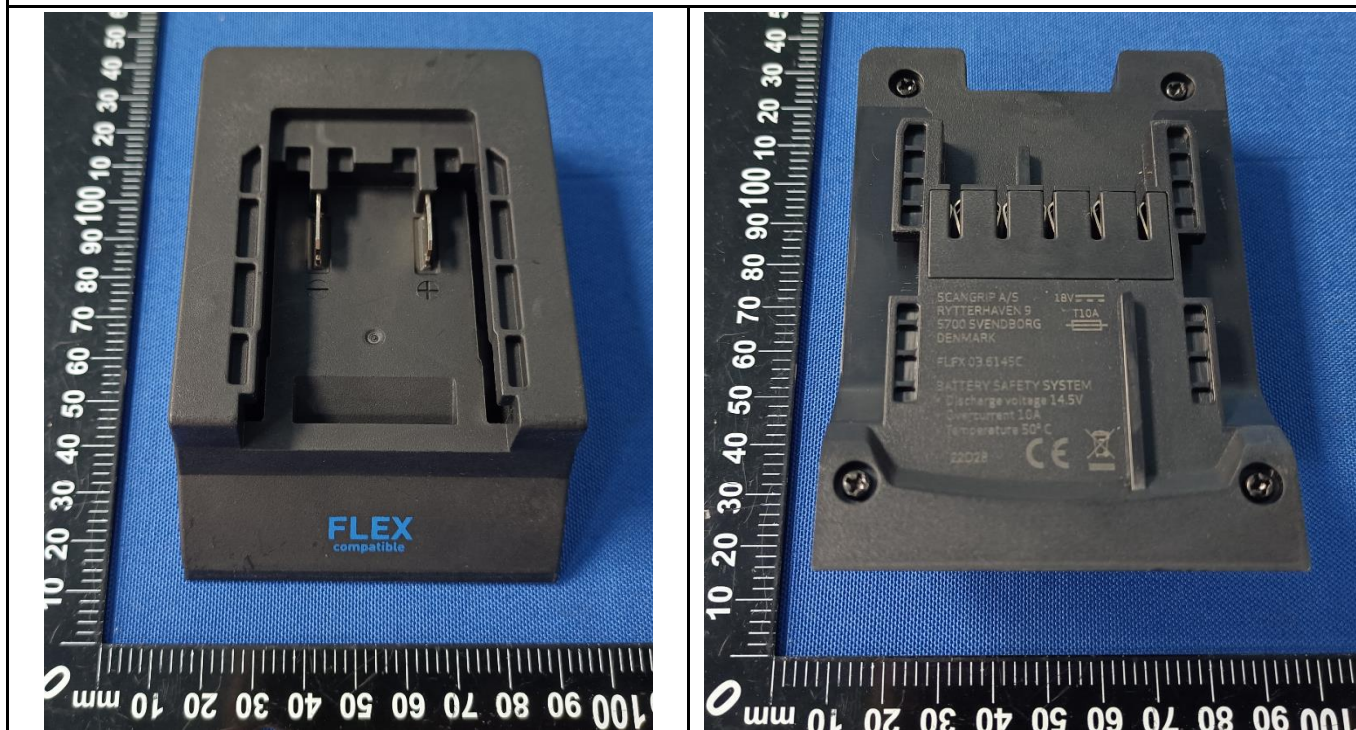
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03.6144C CONNECT FEIN



03.6145C CONNECT FLEX



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03.6146C CONNECT HAZET

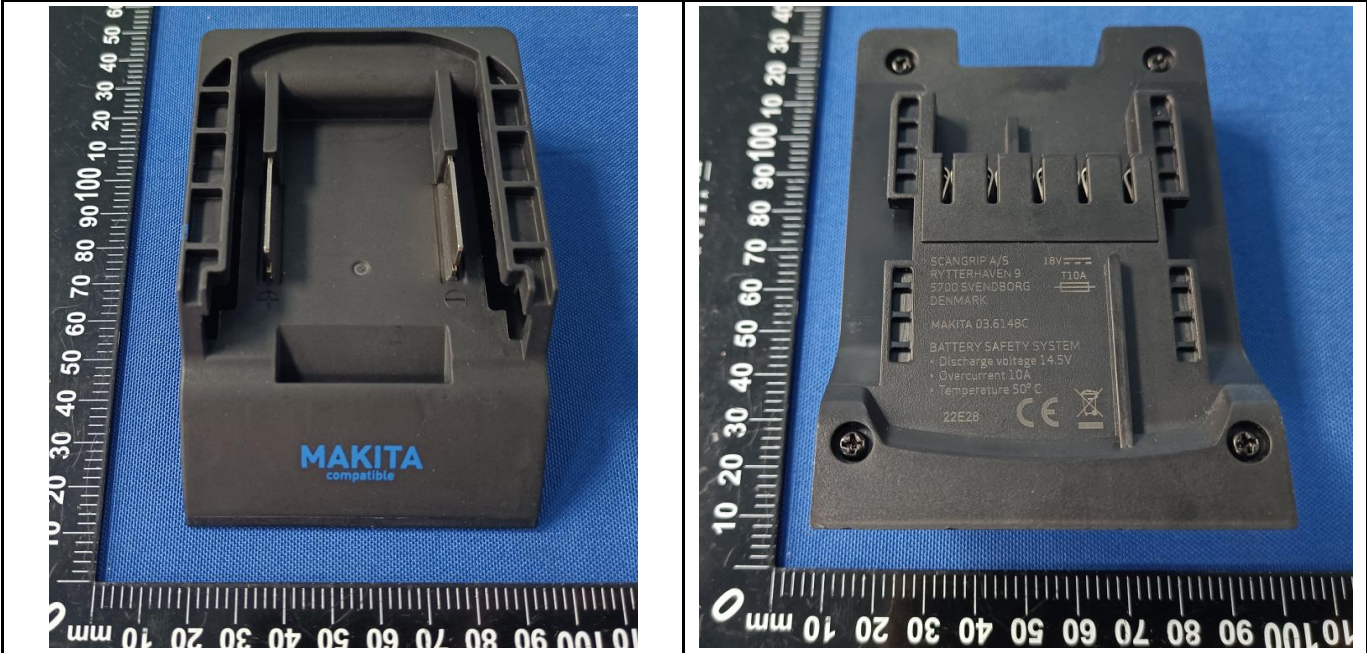


03.6147C CONNECT HIKOKI

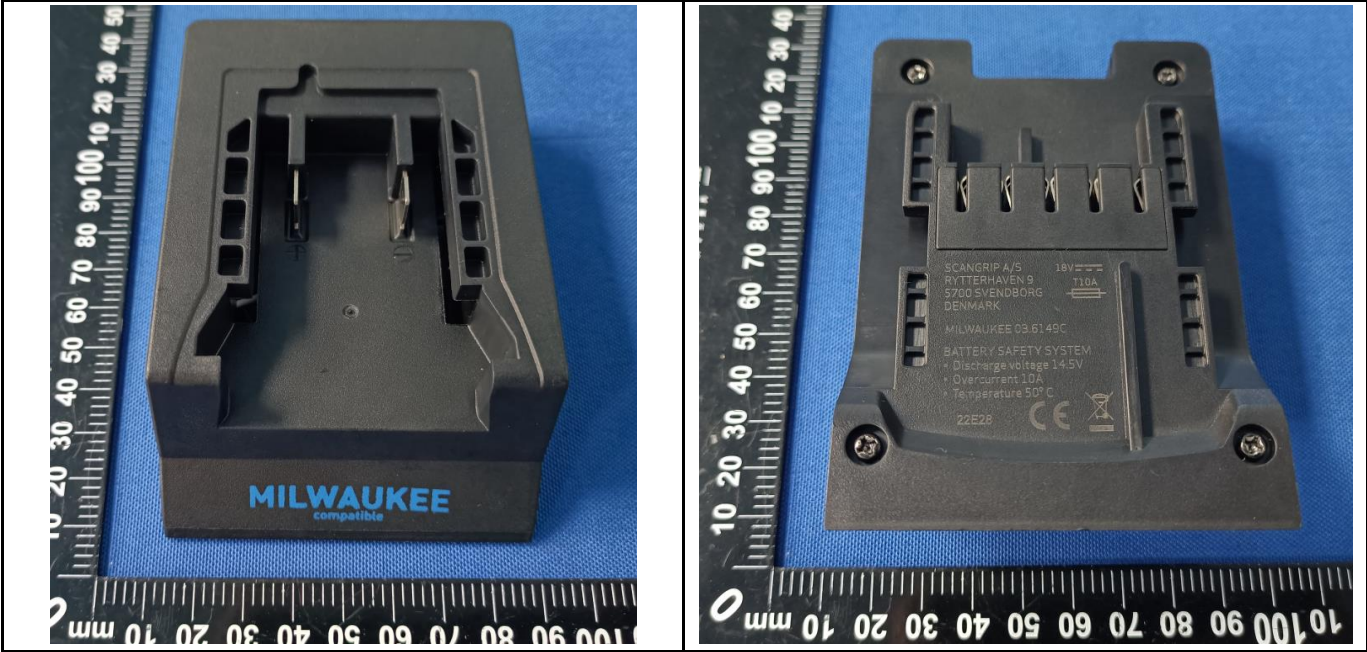


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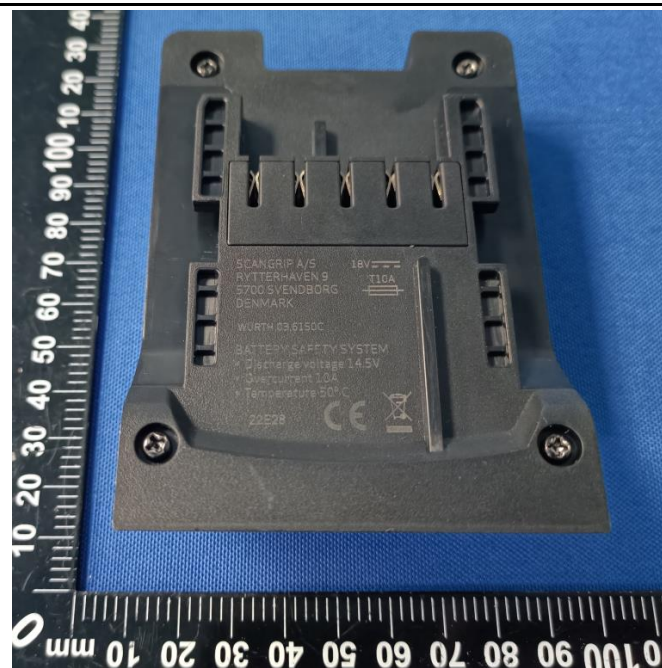
03.6148C CONNECT MAKITA



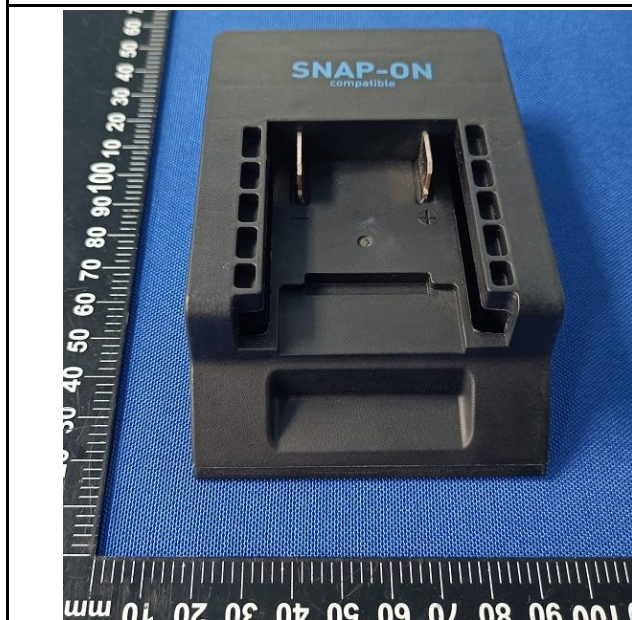
03.6149C CONNECT MILWAUKEE



03.6150C CONNECT WÜRTH



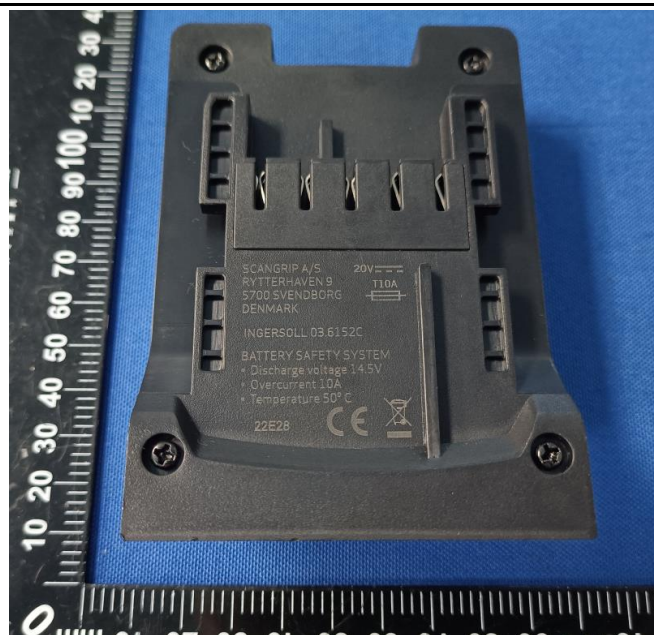
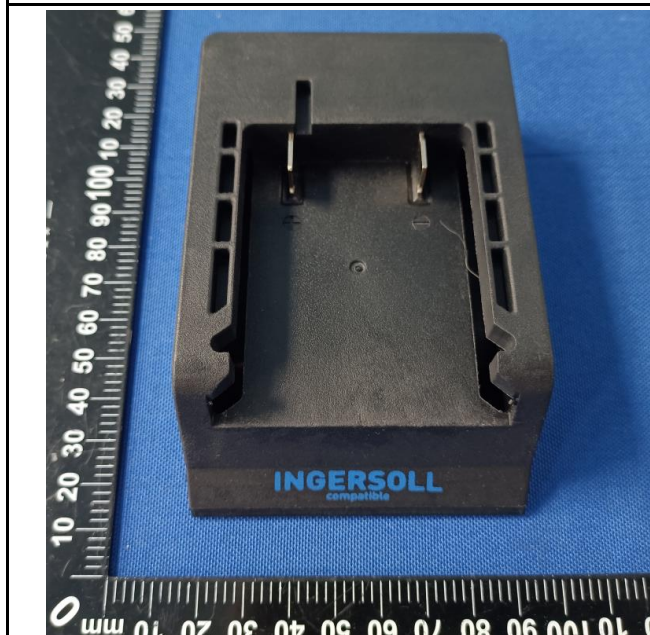
03.6151C CONNECT SNAP-ON



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03.6152C CONNECT INGERSOLL



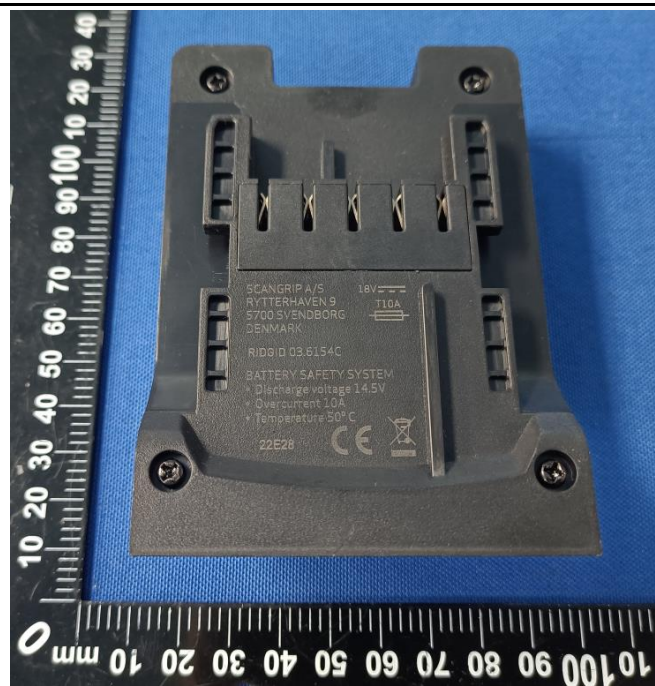
03.6153C CONNECT FESTOOL



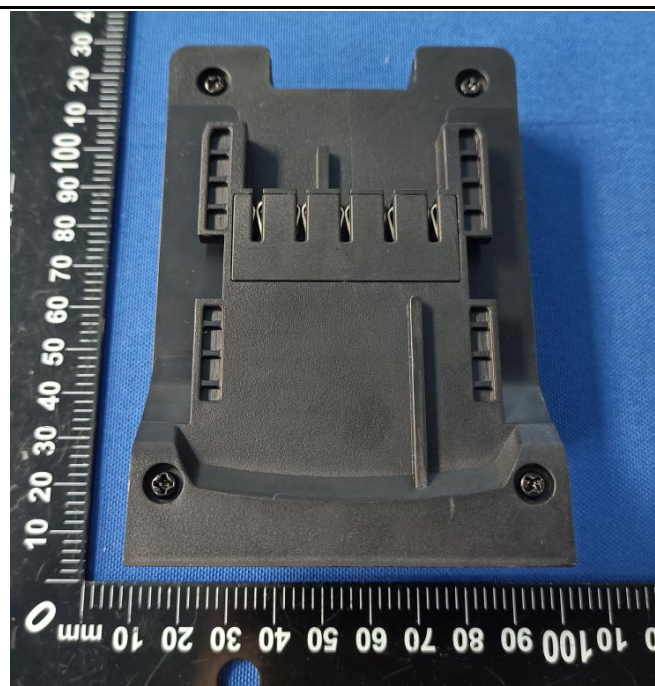
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03.6154C CONNECT RIDGID



03.6155C CONNECT BERNER



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Example of 03.6140C CONNECT BOSCH with Scangrip NOVA 4 CONNECT and BOSCH PRO CORE Li-ion battery 18V 4Ah



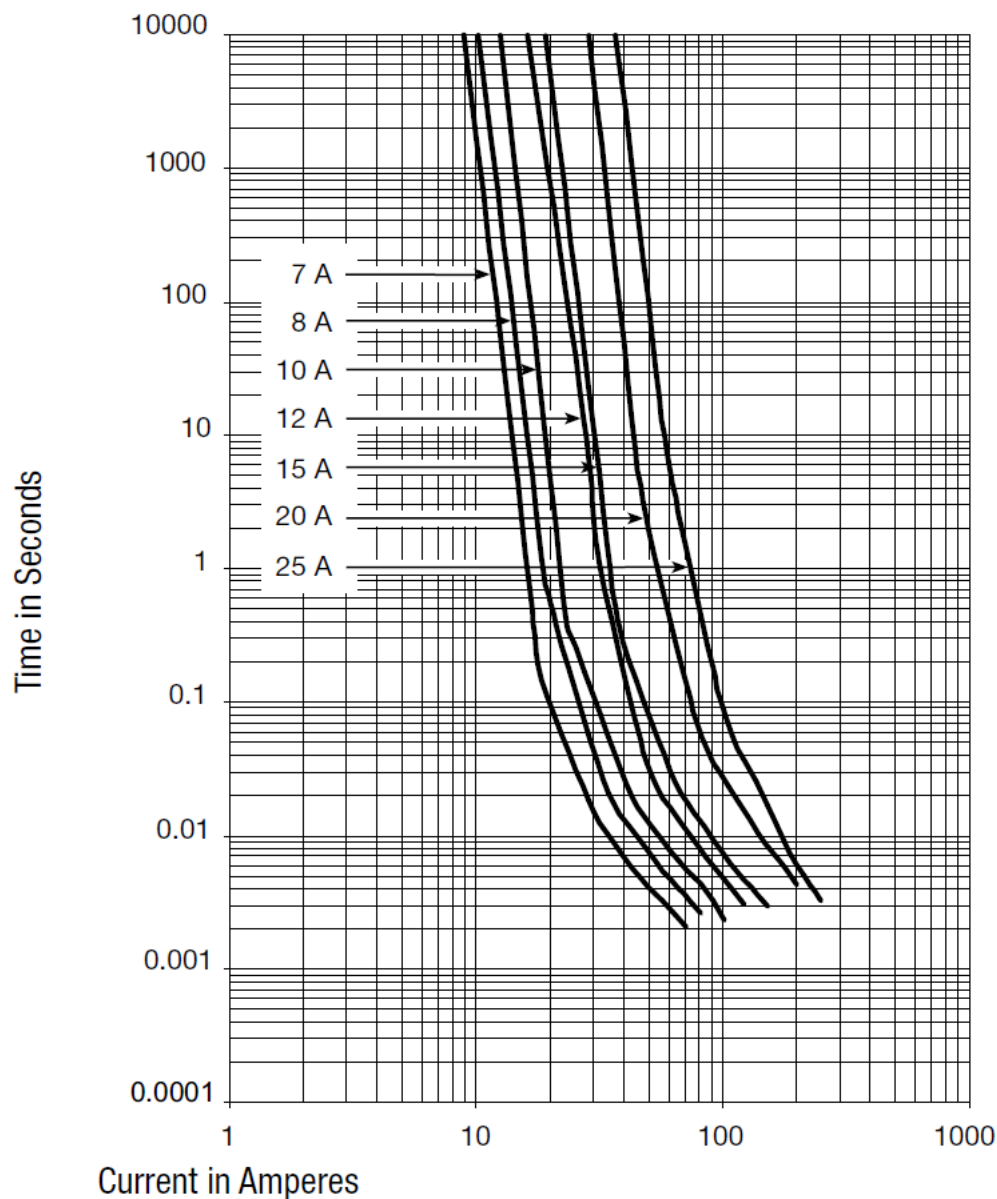
TÜV Rheinland (Shenzhen) Co., Ltd.

1601 R&D Room, 1602-1604, 17-18F, Building 7 Site C, Vanke Cloud City Phase I, Xingke First Street, Xili Street, Xili Community, Nanshan District, Shenzhen 518052, P. R. China· Tel: (86 755) 8268 1188 Fax: (86 755) 2598 0321 · Web: www.tuv.com

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Test Item	Requirement	Result
BATTERY SAFETY SYSTEM		
Deep discharge voltage protection 14.5V	1. Use a DC source to supply 18V to the connector and work light to make it work. 2. Slowly reduce the DC source output voltage until 14.5V. 3. Recording the voltage when connectors and work lights stop working.	Pass Work light stop working when voltage drop to 14.57V.
Temperature protection 50°C	1. Put the connector and work light into the Temperature & Humidity Chamber, and use a DC source to supply 18V to the connector and work light to make it work. 2. The Temperature & Humidity Chamber is set to 50°C. 3. Recording the temperature of the connector when connectors and work lights stop working. Remark: 50°C active temperature protector was used. Spec of active temperature: 50±5°C.	Pass Work light stop working when connector reaches to 49.5°C.
Overcurrent protection	Connector subjected to a 13A constant loading. Observe if the fuse inside the connector is broken. Remark: 10A fuse was used, see time current curves in appendix.	Pass Fuse is broken after 2min9s.

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ADDITIONAL DOCUMENTATION		

Time-Current-Curves



***** End of test report *****