



450W High Reliable Ultra Wide Output
Range Intelligent Battery Charger

NPB-450NFC



Test Report: NPB-450-48NFC

450W High Reliable Ultra Wide Output Range Intelligent Battery Charger

- DESIGN VERIFY TEST

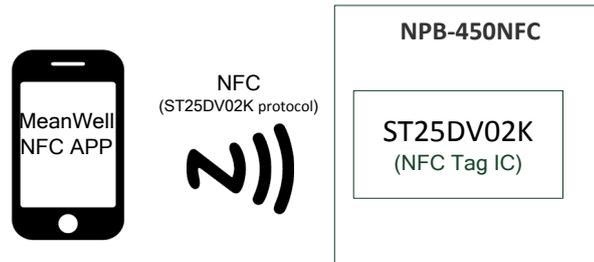


NPB-450NFC

TEST MODEL: NPB-450-48NFC

TESTING NOTES:

1. According to the testing files, make sure that the parameters and actions are correct.
2. The mobile phone system should be iOS or Android (model). Be paired with the Meanwell NFC App.
3. System configuration diagram.



● **NPB-450NFC TEST**

TEST CONDITION: Mobile Phone System: IOS 15.7.1 (model); Meanwell NFC App

1. READING TEST

No.	TEST ITEM	TEST CONTENT	TEST CONDITION	RESULT	CONCLUSION
1-1	MODEL CONFIRMATION	Be close to NPB-450NFC, and make sure that the model can be read by Meanwell NFC APP. 	(1) Model Confirmation MODEL: "NPB-450-48"	(1) Model: <u>NPB-450-48</u>	PASS
1-2	OUTPUT CURRENT SETTING VALUE CONFIRMATION	Be close to NPB-450NFC, and make sure that the charging parameters can be read by Meanwell NFC APP. 	(1) Read Constant Current 6.8 amp. (2) Read Constant Voltage 57.6V. (3) Read Float Voltage 55.2V. (4) Read Tapper Current 0.68 amp. (5) Read Restart Charging Curve Voltage 52.8V.	(1) Confirm Constant Current Value 6.8 amp. (2) Confirm Constant Voltage Value 57.6V. (3) Confirm Float Voltage Value 55.2V. (4) Confirm Tapper Current Value 0.68amp. (5) Confirm Restart Charging Curve Voltage 52.8V.	PASS



2. SETTING TEST

No.	TEST ITEM	TEST CONTENT	TEST CONDITION	RESULT	CONCLUSION
2-1	CC CURRENT SETTING	Be close to NPB-450NFC, and set the current value.	Be close to NPB-450NFC, and set Max. Current, Min. Current and Pre-defined Current.	Setting Confirmation 1. Max. Current: 6.832 amp 2. Min. Current: 1.311 amp 3. Pre-defined Current: 6.8amp	PASS
2-2	CV VOLTAGE SETTING	Be close to NPB-450NFC, and set the voltage value.	Be close to NPB-450NFC, and set Max. Voltage, Min. Voltage and Pre-defined Voltage.	Setting Confirmation 1. Max. Voltage: 80.032V 2. Min. Voltage: 41.983V 3. Pre-defined Voltage: 57.637V	PASS
2-3	FV VOLTAGE SETTING	Be close to NPB-450NFC, and set the voltage value.	Be close to NPB-450NFC, and set Max. Voltage, Min. Voltage and Pre-defined Voltage.	Setting Confirmation 1. Max. Voltage: 79.991V 2. Min. Voltage: 41.936V 3. Pre-defined Voltage: 55.195V	PASS
2-4	TC CURRENT SETTING	Be close to NPB-450NFC, and set the current value.	Be close to NPB-450NFC, and set Max. Current, Min. Current and Pre-defined Current.	Setting Confirmation 1. Max. Current: 2.01 amp 2. Min. Current: 0.11 amp 3. Pre-defined Current: 0.64 amp	PASS
2-5	CHARGING STAGE SETTING	Be close to NPB-450NFC, and set the charging stage.	Be close to NPB-450NFC, and set the charging stage to 2 stage or 3 stage.	Setting Confirmation 1. 2 stage setting: <u>OK</u> 2. 3 stage setting: <u>OK</u>	PASS
2-6	INTELLIGENCE CHARGING SETTING	Be close to NPB-450NFC, and set intelligence charging.	Be close to NPB-450NFC, and set charging mode to INTELLIGENCE or CURVE.	Setting Confirmation 1. INTELLIGENCE setting: <u>OK</u> 2. CURVE setting: <u>OK</u>	PASS
2-7	PASSWORD SETTING	Be close to NPB-450NFC, and set the password.	Be close to NPB-450NFC, and set the password to "meanwell", "MEANWELL", "12345678" or password-less.	Setting Confirmation 1. "meanwell" setting: <u>OK</u> 2. "MEANWELL" setting: <u>OK</u> 3. "12345678" setting: <u>OK</u> 4. Password-less setting: <u>OK</u>	PASS
2-8	RESTART CHARGING	Be close to NPB-450NFC, and	Be close to NPB-450NFC, and set the restart	1. 2 stage: 52.822V 2. 3 stage: 52.81V	PASS



	VOLTAGE SETTING	set the restart charging voltage.	charging voltage to 52.8V.		
--	--------------------	--------------------------------------	----------------------------	--	--

TEST RESULT	TESTER	REVIEW	APPROVAL
PASS	Yuwei	Liutt	Wangdz