

2015 Battery Testers Program

BSS™ TESTER



BST50

BST100

BST100P



ENTRY TESTER

PROFESSIONAL TESTERS



www.bs-battery.com

"Easy Use, Fast Test, Accurate Results"

BS™

SPECIFICATIONS

<i>P/No.</i>	BST50	BST100	BST100P
<i>Size L*W*H (in cm)</i>	13 * 7.3 * 2.7	19.5 * 11.4 * 5.3	19.5 * 11.4 * 5
<i>Weight (N.W. / G.W.) (in Kg)</i>	0.196 / 0.305	0.57 / 1.282	0.607 / 1.395
<i>Types of Batteries</i>	12V Powersport Battey	12V Powersport battery 12V Charging/Starting System	
<i>Battery Range</i>	From 2.5Ah to 30Ah		
<i>Operating Temperature</i>	0°C to 50°C		
<i>Display</i>	LED	2 Lines 16 Characters LCD	
<i>Operation</i>	Battery OEM Code Number	Battery OEM Code Number & Ah	
<i>Voltmeter</i>	7V - 15V	1.5V - 30V	
<i>Test Lead</i>	20 inch / 50 cm	31 inch / 80 cm	
<i>Cable Lenght (in cm)</i>	50 cm	80 cm	
<i>Termal Printer</i>	No	No	Yes

“Easy Use, Fast Test, Accurate Results”



BSTM
T E S T E R

BS TESTER PRINCIPLE

SPECIALIZING IN ADVANCED BATTERY & ELECTRICAL DIAGNOSTICS

- **BS TESTER PRODUCT RANGE HAVE BEEN EXCLUSIVELY DESIGNED FOR POWERSPORT BATTERY**
- **FEATURING PATENTED SINGLE LOAD, DYNAMIC RESISTANCE TECHNOLOGY PROVIDES ACCURATE RESULTS FOR THE POWERSPORT BATTERY MARKET**

TEST APPROACHES

BST50

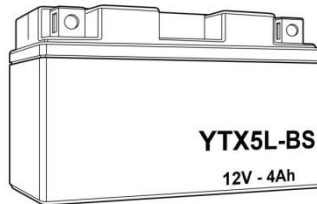
1. **OEM BATTERY NUMBER**

BST100,100P

2. **BATTERY CAPACITY Ah**

SEAL - 12V Maintenance Free Motorcycle Battery

O.E. Battery no.	Capacity	Ref. No.
YT4B-BS	2.3AH	no 51
YTR4A-BS	2.3AH	no 51
YTX4L-BS	3AH	no 52
YTX5L-BS	4AH	no 53



SEAL - 12V Maintenance Free Motorcycle Battery

O.E. Battery no.	Capacity
YT4B-BS	2.3AH
YTR4A-BS	2.3AH
YTX4L-BS	3AH
YTX5L-BS	4AH

Use the Equivalence Table and Select the Ref. No. relative to the Selected Battery Type

Select your Battery through Battery Capacity or Battery Type

UNIQUE ELECTRICAL MEASUREMENT SOLUTIONS

BST50: Powersport Battery Tester



BST100P: Powersport Battery Tester & Electrical System Analyzer with Printer



BST100: Powersport Battery Tester & Electrical System Analyzer



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BST50

For 12 V Lead Acid Batteries

Powersport Battery Tester



P/No.	BST50
Size L*W*H (in cm)	13 * 7.3 * 2.7
Weight (N.W. / G.W.) (in Kg)	0.196 / 0.305
Types of Batteries	12V Powersport Battery
Battery Range	From 2.5Ah to 30Ah
Operating Temperature	0°C to 50°C
Display	LED
Test Approach	Battery OEM Code Number
Volmeter	7V - 15V
Test Lead	20 inch / 50 cm

BATTERY TESTER

TEST FLOW

“Easy Use, Fast Test, Accurate Results”

CONNECT TO BATTERY

ENTER

BATTERY VOLTAGE

12.81

VOLTAGE

ENTER

BATTERY TYPE SELECTION

SEAL

SL I

MF BATTERY

CONVENTIONAL BATTERY

ENTER

REFERENCE NUMBER SELECTION

No 52

REF BATTERY NO

ENTER

TEST RESULTS

SEAL - 12V Maintenance Free Motorcycle Battery

O.E. Battery no.	Capacity	Ref. No.
YT4B-BS	2.3AH	no 51
YTR4A-BS	2.3AH	no 51
YTX4L-BS	3AH	no 52
YTX5L-BS	4AH	no 53
YTX7A-BS	6AH	no 54
YTX7L-BS	6AH	no 54

CROSS REFERENCE CODE:

- OEM Battery Code numbers are integrated within the tester system (Maintenance Free & Conventional Batteries)
- Test can be done on a specific battery type if Battery Voltage > 7V



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O.E. Battery no.	Capacity	Ref. No.	O.E. Battery no.	Capacity	Ref. No.
SEAL - 12V MAINTENANCE FREE Motorcycle Battery					
YT4B-BS	2.3AH	no 51	YTX14AHL-BS	12AH	no 62
YTR4A-BS	2.3AH	no 51	65958-04	12AH	no 61
YTX4L-BS	3AH	no 52	65948-00	12AH	no 61
YTX5L-BS	4AH	no 53	YTX15L-BS	13AH	no 63
YTX7A-BS	6AH	no 54	YTX16-BS	14AH	no 63
YTX7L-BS	6AH	no 54	YTX20-BS	18AH	no 64
YTX7B-BS	6.5AH	no 54	YTX20L-BS	18AH	no 64
YT9B-BS	8AH	no 55	YTX20H-BS	18AH	no 65
YTX9-BS	8AH	no 55	YTX20HL-BS	18AH	no 65
YTZ10-BS	8.6AH	no 56	65989-97	19AH	no 64
TZ12A-BS	9.5AH	no 57	65989-90B	19AH	no 64
YT12B-BS	10AH	no 58	65991-82B	19AH	no 64
YTX12-BS	10AH	no 59	YTX24HL-BS	21AH	no 66
YTZ12-BS	11AH	no 60	66010-97	28AH	no 67
YTX14-BS	12AH	no 61	66010-82B	28AH	no 67
YTX14AH-BS	12AH	no 62	YIX30L	30AH	no 68
SLI - 12V CONVENTIONAL Motorcycle Battery					
YB2.5L-C	2.5AH	no 1	YB12B-B2	12AH	no 13
YB3L-A	3AH	no 2	YB12C-A	12AH	no 13
YB3L-B	3AH	no 2	12N14-3A	14AH	no 9
YB4L-A	4AH	no 3	YB14-A2	14AH	no 14
YB4L-B	4AH	no 3	YB14-B2	14AH	no 14
12N5-3B	5AH	no 4	YB14L-A2	14AH	no 14
12N5-4B	5AH	no 4	YB14L-B2	14AH	no 14
YB5L-B	5AH	no 5	HYB16A-A	16AH	no 15
12N5.5-3B	5.5AH	no 5	YB16AL-A2	16AH	no 15
12N5.5-4A	5.5AH	no 5	YB16B-1	16AH	no 15
12N5.5A-3B	5.5AH	no 5	YB16B-A1	16AH	no 15
12N7-3B	7AH	no 6	12N18-3	18AH	no 14
12N7-4B	7AH	no 6	YB18L-A	18AH	no 16
YB7C-A	8AH	no 7	YB16-B	19AH	no 17
YB7-A	8AH	no 7	YB16CL-B	19AH	no 17
YB7L-B	8AH	no 7	YB16L-B	19AH	no 17
12N9-3B	9AH	no 8	Y50-N18L-A	20AH	no 18
12N9-4B-1	9AH	no 8	Y50-N18L-A2	20AH	no 18
YB9-B	9AH	no 9	Y50-N18L-A3	20AH	no 18
YB9L-A2	9AH	no 9	12N24-3A	24AH	no 15
YB9L-B	9AH	no 9	Y60-N24-A	28AH	no 19
12N10-3B	10AH	no 10	Y60-N24AL-B	28AH	no 19
YB10L-A2	11AH	no 11	Y60-N24L-A	28AH	no 19
YB10L-B	11AH	no 11	YHD-12	28AH	no 17
YB10L-B2	11AH	no 11	YB30L-B	30AH	no 19
12N12A-4A-1	12AH	no 12	51814	18AH	no 20
YB12A-A	12AH	no 13	51913	19AH	no 20
YB12A-B	12AH	no 13	52515	25AH	no 21
YB12AL-A	12AH	no 13	53030	30AH	no 22
YB12AL-A2	12AH	no 13			



BST100

For 12 V Lead Acid Batteries

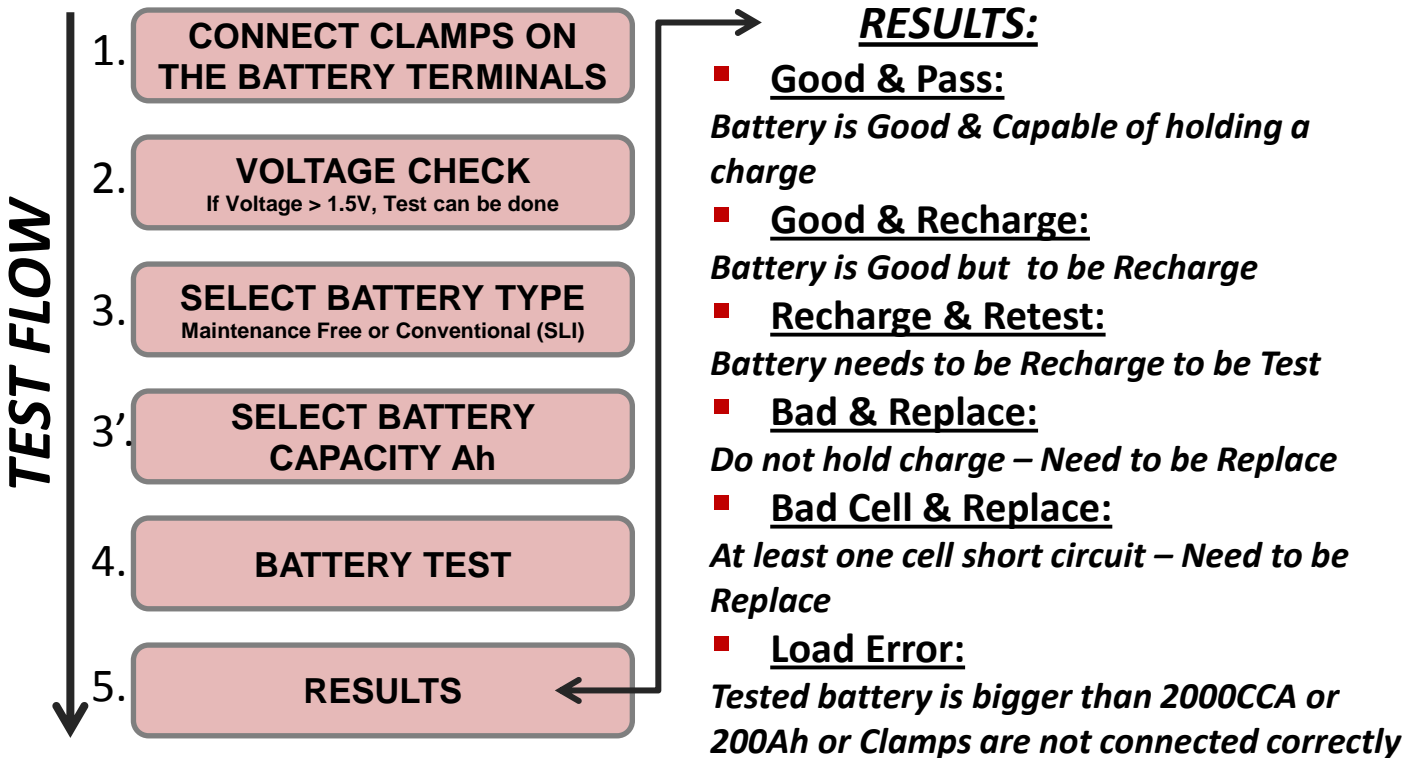
Powersport Battery Tester & Electrical System Analyzer



P/No.	BST100
Size L*W*H (in cm)	19.5 * 11.4 * 5.3
Weight (N.W. / G.W.) (in Kg)	0.57 / 1.282
Application	12V Powersport battery 12V Charging/Starting System
Battery Range	From 2.5Ah to 30Ah
Operating Temperature	0°C to 50°C
Display	2 Lines 16 Characters LCD
Test Approach	Battery OEM Code Number & Battery Capacity Ah
Volmeter	1.5V - 30V
Test Lead	31 inch / 80 cm

BATTERY TESTER

“Easy Use, Fast Test, Accurate Results”



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BST100P

For 12 V Lead Acid Batteries

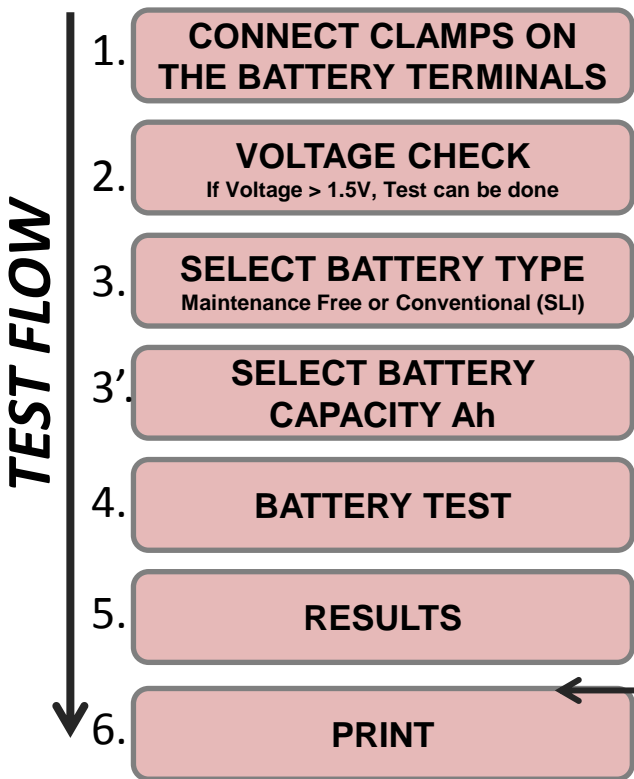
Powersport Battery Tester & Electrical System Analyzer With Printer



P/No.	BST100 P
Size L*W*H (in cm)	19.5 * 11.4 * 5
Weight (N.W. / G.W.) (in Kg)	0.607 / 1.395
Application	12V Powersport battery 12V Charging/Starting System
Battery Range	From 2.5Ah to 30Ah
Operating Temperature	0°C to 50°C
Display	2 Lines 16 Characters LCD
Test Approach	Battery OEM Code Number & Battery Capacity Ah
Volmeter	1.5V - 30V
Test Lead	31 inch / 80 cm
<i>With Integrated Printer</i>	

BATTERY TESTER

“Easy Use, Fast Test, Accurate Results”



RESULTS:

- **Good & Pass:**
Battery is Good & Capable of holding a charge
- **Good & Recharge:**
Battery is Good but to be Recharge
- **Recharge & Retest:**
Battery needs to be Recharge to be Test
- **Bad & Replace:**
Do not hold charge – Need to be Replace
- **Bad Cell & Replace:**
At least one cell short circuit – Need to be Replace
- **Load Error:**
Tested battery is bigger than 2000CCA or 200Ah or Clamps are not connected correctly
- **Waiting for Stabilization**
For weak battery and/or recently used batteries, please wait a few minutes for the battery to re-stabilise



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12V Maintenance Free & Factory Activated Battery

O.E. Battery no.	Capacity
YT4B-BS	2,3AH
YTR4A-BS	2,3AH
GT4B-5	2,3AH
YTX4L-BS	3AH
YTX5L-BS	4AH
BT4A-3	5AH
YTZ5S	4AH
YTZ6S	5AH
YTX7A-BS	6AH
YTX7L-BS	6AH
YTZ7S	6AH
YT7B-BS	6.5AH
GT7B-4	6.5AH
YTX9-BS	8AH
YT9B-BS	8AH
GT9B-4	8AH
YTZ10S	8.6AH
YT9A-BS	9AH
YT12A-BS	10AH
YT12B-BS	10AH
GT12B-4	10AH
YTX12-BS	10AH
YTZ12S	11AH
YTZ14S	11.2AH
YT14B-BS	12AH
YTX14AH-BS	12AH
YTX14AHL-BS	12AH
YTX14-BS	12AH
GT14B-4	12AH
65958-04	12AH
65948-00	12AH
YTX15L-BS	13AH
YTX16-BS	14AH
YTX20A-BS	17AH
YTX20-BS	18AH
YTX20L-BS	18AH
YTX20CH-BS	18AH
YTX20H-BS	18AH
YTX20HL-BS	18AH
NH18-12 (51913)	18AH
65989-97	19AH
65989-90B	19AH
65991-82B	19AH
YTX24HL-BS	21AH
66010-97	28AH
66010-82B	28AH
YIX30L	30AH

12V Conventional Battery

O.E. Battery no.	Capacity
YB2.5L-C2	2,5AH
YB3L-A	3AH
YB3L-B	3AH
YB4L-A	4AH
YB4L-B	4AH
YB5L-B	5AH
YB7-A	8AH
YB7C-A	8AH
YB7L-B/B2	8AH
YB9-B	9AH
YB9L-A2	9AH
YB9L-B	9AH
YB10L-A2	11AH
YB10L-B/B2	11AH
YB12A-A	12AH
YB12A-B	12AH
YB12AL-A/A2	12AH
YB12B-B2	12AH
YB12C-A	12AH
YHD-12	28AH
YB14-A2	14AH
YB14A-A2	14AH
YB14-B2	14AH
YB14L-A2	14AH
YB14L-B2	14AH
YB16AL-A2	16AH
YB16-B	19AH
YB16B-A	16AH
YB16B-A1	16AH
YB16CL-B	19AH
YB16L-B	19AH
HYB16A-A	16AH
YB18L-A	18AH
YB30L-B	30AH
YB30CL-B	30AH
Y50N18L-A/A2/A3	20AH
Y60N24-A	28AH
Y60N24AL-B	28AH
Y60N24L-A	28AH
Y60N30-A	30AH
Y60N30L-A	30AH
52515	25AH
53030	30AH
12N5.5-3B	5,5AH
12N5.5-4A	5,5AH
12N5.5-4B	5,5AH
12N5.5A-3B	5,5AH
12N5-3B	5AH
12N5-4B	5AH
12N7-3B	7AH
12N7-4B	7AH
12N9-3B	9AH
12N9-4B-1	9AH
12N10-3B	10AH
12N12A-4A-1	12AH
12N14-3A	14AH
51913 (12C16A-3A)	19AH
51814 (12C16A-3B)	19AH
12N18-3A	18AH
12N18-4A	18AH
12N24-3A	24AH
12N24-4A	24AH

