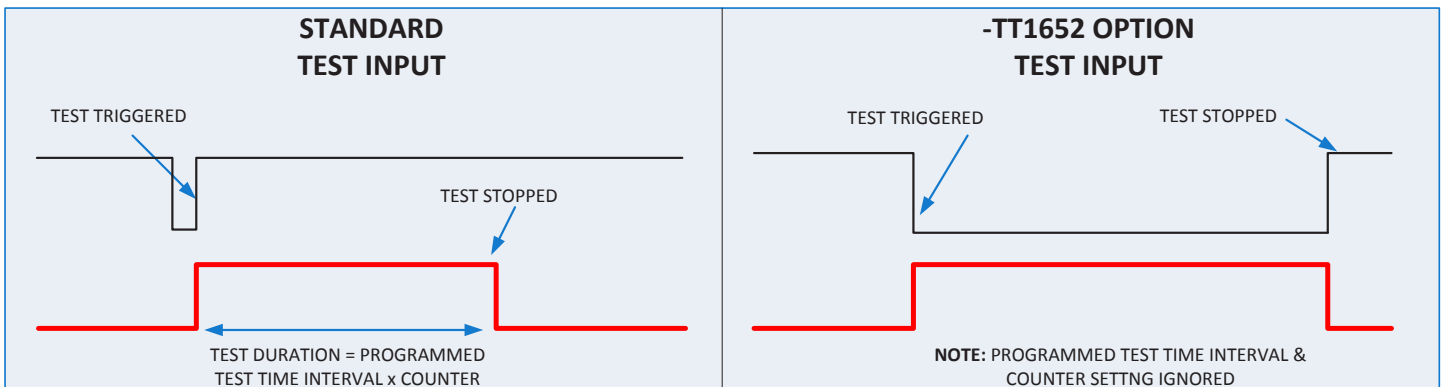


Digital Battery Element Testers

**Model 1652 Test Input Trigger Mode Option
for BET Models 1656 and 1657 Testers**

Option -TT1652



Description

The -TT1652 Test Input Trigger Mode changes the mode of operation of the Test Trigger input on the 1656-PLC and 1657-PLC battery element testers to operate like the previous generation 1652 models.

The following features are provided by this option:

- Changes Test Trigger Input on PLC interface from Edge Triggered to Level Triggered
- Test Mode is engaged as long as Test input is low or shorted to digital common
- This option allows 1656 and 1657 Battery Element Testers with PLC to interface to battery production lines that were set up for previous generation 1652/070 BET model AC Input and Output Controls.

Remote Test Functional Comparison

Test Condition	Model 1652	Standard 1656/1657-PLC	1656/1657-PLC-TT
Start Test	Short Pins 3 & 5 on Test Connector	Momentary Short on PLC pin 12 to Common	Short PLC Pins 12 & 5
Stop Test	Open Pins 3 & 5 on Test Connector	Momentary Short on PLC pin 13 to Common (RESET)	Open PLC Pins 12 & 5
Programmed Test Duration	N/A	Test Duration = Test Interval x Test Counter or Cont.	Test Duration Setting Ignored

Technical Specifications

TEST INPUT MODE

TEST INPUT	Level Sensitive Mode. Test will run while Test Input is low (shorted). See illustration on front page.
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1656 & 1657 TESTER REQUIREMENTS

-PLC	The use of this Test Trigger input option requires the -PLC Interface on the Battery Element Tester.
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Ordering Information

MODEL	DESCRIPTION	STS PART NUMBER	NOTES
1656-PLC-TT 1657-PLC-TT	BET with 1652 Test Trigger Level Sense Mode	TT1652	<ul style="list-style-type: none"> The -PLC interface is required. Must be specified at time of order. For field upgrades, contact customer service. For US based applications, refer to the STS Type 070 adapter data sheet.

Service and Support

STS Instruments' customer support is second to none. Our Customer Support Program provides the training, repair, calibration, and technical support services that our customers value. So, in addition to receiving the right test equipment, our customers can also count on excellent support before, during and after the sale.

Complete calibration and repair services are offered at our USA, United Kingdom and China manufacturing facilities (see contact info below). Calibrations are to original factory specifications and are traceable to NIST (National Institute of Standards and Technology). A certificate of conformance accompanies each repaired tester.

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