

SAT-FD

Wide-Range Load Tester



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Key Functions

- ◇ 5.7 inch large touch screen
- ◇ Load current automatically calculate function
- ◇ Support constant current or constant power testing mode
- ◇ Wide load test range, compatible battery string for 10~450V, maximum current up to 50A.
- ◇ Support wireless battery cell monitor module and compatible with 2V/6V/12V individual cell type.
- ◇ Automatic online compensation test mode, to make sure the battery string discharging in the way of TRUE constant current.

Technical Specifications

Monitor type of individual cell voltage	2V/6V/12V				
Accuracy of individual cell voltage	2V:0~4V; 6V:0~8V; 12V:0~16V				
Individual cell voltage resolution	2V/6V:0.001V; 12V:0.01V				
Battery string voltage measurement range	10~15V	15~59V	60~149V	150~299V	300~450V
Discharge current range	2~30A	2~50A	2~50A	2~30A	2~30A
Battery string voltage resolution	0.01V				
Voltage testing accuracy	0.5%				
Constant current discharge voltage range	10~300V				
Discharge current control accuracy	0.1A				
Current testing accuracy	1%				
Battery capacity check range	20~500Ah				
Current monitor range	0~150A				
Working voltage	AC 220±15%				
Cooling mode	Fan cooling				
Working environment	0~40° C, 20%~80%RH				
Storage condition	-20~+70° C storage				
Data output mode	USB disk				
Dimension	L×W×H: 590×248×462(mm)				