

Electric Vehicle Tester 1500

Regenerative Series



- 1.500 Volt
- 1.000 A
- 320 kW
- Meets the highest Safety Standards
- Flexible configuration of the 2x 750V channels as single channels, parallel or serial covers practically all areas of applications in pack testing



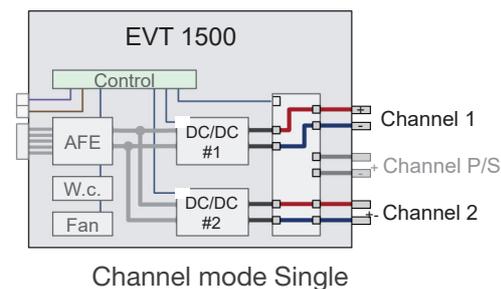
Technical Data - Electric Vehicle Tester 1500

DC DATA

Channels per EVT	2 (to be used as 1, parallel or series)
Channel mode Single or Parallel	+35 V ~ +750 V
Channel mode Series	+70 V ~ +1500 V *)
Channel mode Single and Series	+/- 500 A
Channel mode Parallel	+/- 1000 A
Power max.: each channel, cont.	125 kW
Power max.: each channel, peak **)	160 kW
Power max.: Serial / Parallel, cont	250 kW
Power max.: Serial / Parallel, peak **)	320 kW

*) Above 1450 V, reduction of max. power

**) Optional

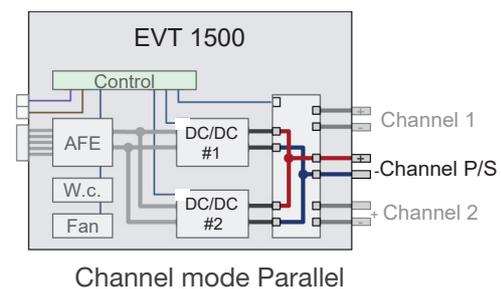


AC DATA

Main connections	400 - 480 V +/- 10%, 50 / 60 Hz +/- 3Hz (3-phase)
Power Factor	> 0.99

COOLING, ENVIRONMENTAL CONDITIONS

Cooling	water cooled
Ambient operating temp.	10 - 40°C (50 - 104 °F)
Humidity	10% - 90% RH, non-condensing
Attitude of site, max.	2000 m

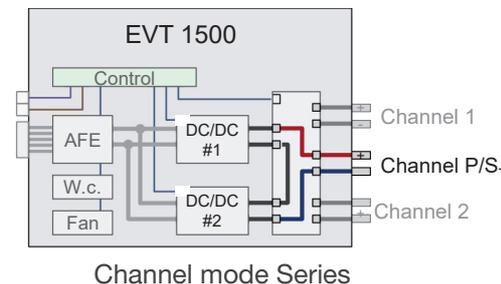


ACCURACY

Accuracy Voltage / Current	+/- 0,033% fs
Current rise time	10% - 90% fs; 1 msec.

GENERAL DATA

Dimensions (H x W x D)	2138 x 1610 x 831 mm
Color	RAL 7016 anthracite grey
Energy Efficiency (max)	> 95%



OPTIONS & ACCESSORIES

Additional CAN busses for BMS integration, external CAN control etc.
Additional GPIO's (analog, digital, temperature, serial,...)
Redundant voltage & temperature safety monitoring device
Battery connection boxes & leads, temperature chamber integration



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