eDrive Quick start guide



Read Only

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Prerequisites



Configuring a test

All settings are done in a single sheet (or tab) called **eDrive – Setup**. This is shown below.





Power readings and raw traces are shown in the eDrive - Live sheet, as shown below with its default setup.

- Press Preview to start calculating power results and showing live data.
- 2 This area shows the results for the POWER SOURCE.
- O This area shows the results for the **INVERTER OUTPUT.**
- The Show: [pulldown] selects to show Phase (n) or Collective power readings.
- S This area shows the results for the MOTOR OUTPUT.
- The SCOPE area shows live traces.
- Selection of timebase and traces to be shown in the SCOPE display.

Note: If Record is used the same live display is shown and in the background data is continuously stored. This should be done only if permanent storage is desired otherwise the storage location will fill up quickly.

Showing more power results

If more and other power readings should be displayed, this is possible using an additonal METERS display.

• Press Meters to show the (empty) **METERS** area **2**. **6** Open the Properties menu of this window. POWER SOURCE Cycle Check in CycleEnd in U_ir u_in_r INVERTER OUTPUT 200,0 Select all power readings you want from the list by clicking the checkbox in front of each. **5** These values are now arranged in the METERS area and can be arranged using "drag & drop". 200,0 eDrive testing 0,392 ^ 0,396/ 0,392 ^ 5 55,01 All meter value on the screen can be transferred to an Excel table manually hints 55,71 v 55,28 using the "Manual logging" button. 31,63 w **10,53** w more For automated transfer this needs to be set up in the eDrive - Setup sheet, under System Settings. Or use the eDrive - Efficiency sheet. 42.16 w 42.98 % Some For triggered raw data storage per set point the system needs to be set from 55,84 24 % Continuous into Multi-Sweep mode in the eDrive - Setup sheet.



