

Supply voltage range	7..70Vdc
Supply current (@ 12V/ 24V/48V)	10mA / 6mA / 5mA
Input voltage range main battery (+B1)	7..70Vdc ⁰
Input voltage range second and third battery (+B2, +B3)	1..70Vdc
Input current range	-600..+600A ²⁰
Battery capacity range	10..10000Ah
Operating temperature range	-20..+50°C
Storage temperature range	-30..+70°C
Readout resolution	Voltage (0..70V) ± 0.01V Current (0..10A) ± 0.01A Current (10..100A) ± 0.1A Current (100..600A) ± 1A State of Charge (0..100%) ± 1% Time remaining (0..24hrs) ± 1min Time remaining (24..240hrs) ± 1hr Amphours (0..10000Ah) ± 0.01Ah..10Ah (variable) Power (0..42kW) ± 0.01W..1kW (variable) Temperature (-20°C..+50°C) ± 0.5°C
Voltage measurement accuracy	± 0.3%
Current measurement accuracy	± 0.4%
Shunt dimensions:	Footprint 100 x 100mm Base height 24.0mm Total height 64.5mm Weight 290grams
Display dimensions:	Front panel Ø 64.0mm Body diameter Ø 51.5mm Total depth 36.0mm Weight 70grams
Protection class	IP20 (CDU front panel only IP65)
Standards	CE certified (EMC Directive 2014/30/EU) including EN50498 Automotive EMC