

WBM\/\odu\ar\Smart\Shunt\\\ Equipped with high performance measuring



High Precision Battery Monitor

The WBM Modular Smart Shunt help users to get best service life of the battery bank.

- Optimized footprint for perfect integration with our DC Modular series of high current busbars and fuseholders.
- Large amount of additional features to optimally supervise your battery system and control external equipment
- The WBM Modular Smart Shunt is compatible with lead based and Lithium (LiFePO4) based batteries.





		WBM MODULAR SMART SHUNT 40290313
MAIN SPECIFICATI	ONS	40290313
Parameter		Smart Shunt
Supply voltage range		770V dc
Supply current (@ 12V / 24V / 48V)		10mA / 6mA / 5mA
Input voltage range main battery (+B1)		770V dc ¹⁾
Input voltage range second and third battery (+B2, +B3)		170V dc
Input current range		-600+600 A ²⁾
Battery capacity range		1010000 Ah
Operating temperature range		-4+122°F
Storage temperature range		-22+158°F
Readout resolution:	Voltage (070V) Current (010A) Current (10100 A) Current (100600 A) State of Charge (0100%) Time remaining (024hrs) Time remaining (24240hrs) Amphours (010000 Ah) Power (056 hp) Temperature (-4°F+122°F)	± 0.01V ± 0.01A ± 0.1A ± 1A ± 1% ± 1min ± 1hr ± 0.01 Ah10A h (variable) ± 1.34 hp (variable) ± 32.9°F
Voltage measurement accuracy±		0.3%
Current measurement accuracy±		0.4%
DIMENSIONS		
Shunt dimensions:	Footprint Base height Total height Weight	4 x 4 9 in 2.5 in 10.2 oz
Display dimensions:	Front panel Body diameter Total depth Weight	Ø 2.5 in Ø 2 in 1.4 in 2.4 oz
PROTECTION		
Protection class		IP20 (shunt vertically mounted) IP65 (CDU front panel only)
Standards		CE certified (EMC Directive 2014/30/EU) including

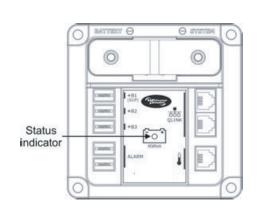
EN50498 Automotive EMC





All specifications are subjects to change without notice

- $^{1)}$ When input +B1 is only used for supply and +B2 for main battery voltage measurement, the input voltage range for the main battery is 1..70Vdc.
- 2) +/- 600A is the maximum rating for 20 minutes. The continuous input current range is +/- 500A.



Standards

