SMI-100 Stack Monitoring Interface

For use with Aquion Battery Stacks



PRODUCT SPECIFICATION SHEET

The Aquion Energy SMI-100 Stack Monitoring Interface enables monitoring of Aquion battery stacks when coupled with the BMS-200 Battery Monitoring System. The SMI-100 measures individual stack currents, system voltage, and system temperature for up to 12 battery stacks and communicates these measurements to the BMS-200.



INPUTS

Voltage	24–32 Vdc from BMS-200
Max Current	400 mA
Power	7.9 W from BMS-200
Communication Protocol	CANbus to BMS-200
Maximum Stacks per Unit	12

CERTIFICATIONS

UL	UL listed
CE	CE marked
IP Rating	IP20

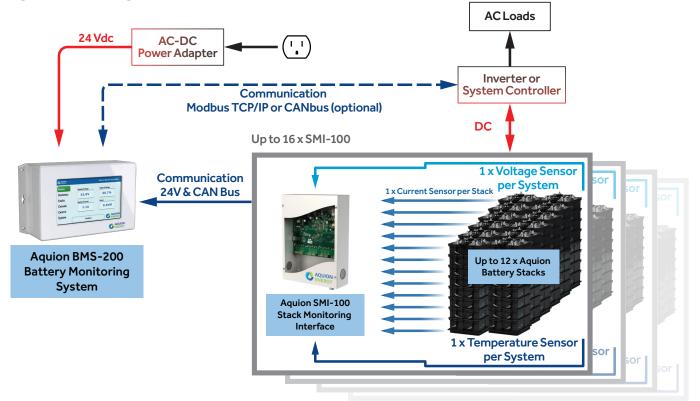
MEASUREMENT RANGE AND TOLERANCE

Voltage	0-70 V (0.1 V)
Current	-30-30 A (0.3 A)
Battery Temperature	0°C-60°C (1°C)

MISCELLANEOUS

Weight	6.0 kg (13.5 lbs)
Ambient Temperature	-5°C-40°C
Warranty	2 years

SINGLE-LINE DIAGRAM



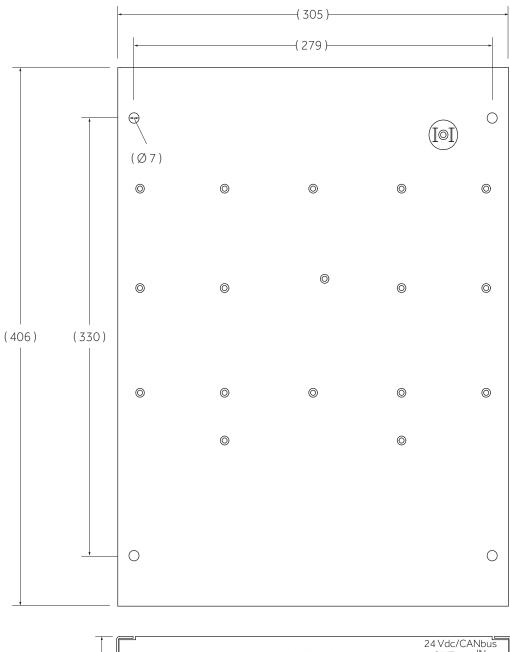
Performance characteristics based on testing conducted by Aquion Energy. Performance may vary depending on use, conditions, and application. For the most up-to-date specification, visit http://aquionenergy.com.

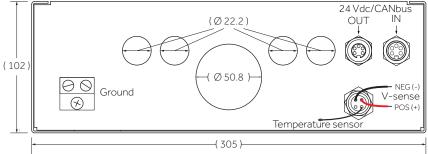
SMI-100 Stack Monitoring Interface AQUION ENERGY



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DIMENSIONS





All dimensions in millimeters

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