

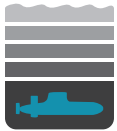


Subsea Battery E4000-V26-C100



AEQUONICS™ POWER SUBSEA BATTERY E4000-V26-C100

Designed with the **AEQUONICS™** pressure tolerant technology, the Li-Ion battery has an enorm ratio of power within an optimal volume and weight. This enables more compact designs in size and longer missions for subsea applications. **AEQUONICS™ POWER** is also capable of providing safe and stable operations at depths up to **6,000 m** below sea level.



PRESSURE TOLERANT TECHNOLOGY

Safe and stable operation at depths up to **6,000 m**



MODULAR

Series and parallel connection to meet clients' requirements



HIGH ENERGY DENSITY

Superior gravimetric and volumetric energy densities



INTEGRATED BMS

Full battery pack protection



HIGH CURRENT

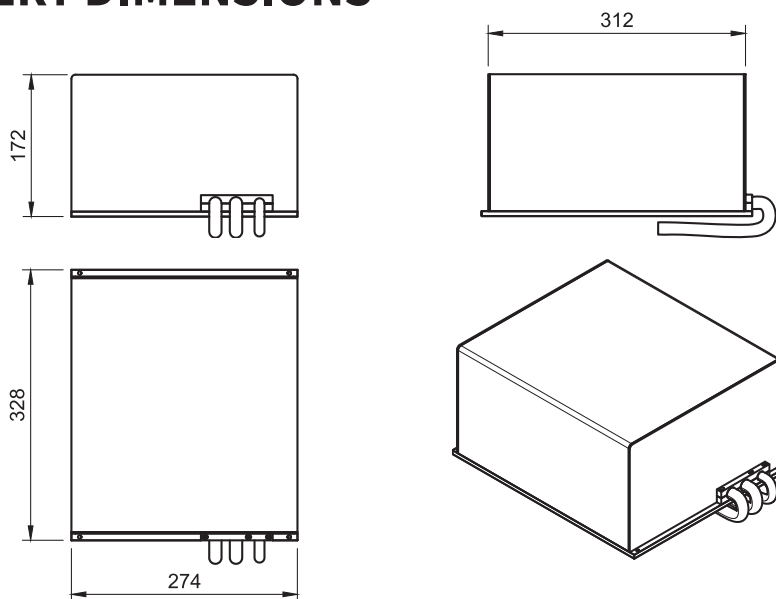
Up to 100 A continuous discharge current capability



SUPERIOR CHARGING

Shorter charging duration resulting from 50 A charge current capability

BATTERY DIMENSIONS¹



1) The size is presented in millimeters.

BATTERY PACK SPECIFICATIONS²



GENERAL SPECIFICATIONS

Depth Rating	6 000 m
Capacity	150 Ah
Energy	3 885 Wh
Maximum Voltage	29 V
Nominal Voltage	25,9 V
Minimum Voltage	19 V
Continuous Discharge Current	100 A
Continuous Charge Current	100 A
Operating Temp. (Charge)	0 to 45°C
Operating Temp. (Discharge)	-20 to 55°C

WEIGHT

Weight in air	26,33 kg
Weight in clear water	11,63 kg

DIMENSIONS

L x W x H	312 x 274 x 172 mm
Volume	14,7 l
Life Cycles	1 000 Cycles

INTEGRATED BATTERY MANAGEMENT SYSTEM (BMS)

Digital CAN Bus Interface	Built-in
Undervoltage Protection	Built-in
Overvoltage Protection	Built-in
Overcurrent in Discharge Protection	Built-in
Undertemperature Protection	Built-in
Overtemperature Protection	Built-in
Short Circuit Detection	Built-in
State of Charge (Coulomb Counter)	Built-in
Fuse	Built-in
Interlock-Line	Built-in

POWER CONSUMPTION

Power consumption operational	< 500 mW
Power consumption storage	< 1 mW

2) Battery pack specifications are based on the parameters shown in BATTERY DIMENSIONS. Adjustment in parameters will lead to different battery specifications and vice versa.



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