

NEWSPACE MARKET · COMPANY PROFILE



EnerSys / ABSL Space Products

United Kingdom · founded 2000 · enersys.com

7

PRODUCTS

7

WITH DATASHEETS

newspacemarket.com/companies/enersys-absl-space-products/

as of 20 August 2026

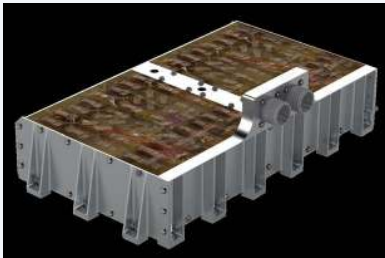


EnerSys / ABSL Space Products

EnerSys is the recognized global leader in stored energy solutions and systems, with over 100 years of battery heritage and operations serving more than 10,000 customers across 100 countries. The company's aerospace and defense division, operating under the ABSL Space Products brand, specializes in lithium-ion battery systems engineered for the stringent requirements of space missions. ABSL Space Products is a UK-based unit with deep heritage in flight-proven Li-ion battery packs for scientific and commercial spacecraft. Their batteries have flown on high-profile missions including Rosetta (ESA comet mission), Cassini (Saturn orbiter), and multiple ESA Earth observation satellites. The ABSL approach combines custom cell design, battery management electronics, and system-level integration to deliver reliable, long-life power storage for LEO, MEO, GEO, and deep space applications. Beyond space, EnerSys serves industrial, transportation, communications network, data center, and military vehicle markets with batteries including the NexSys®, Odyssey®, PowerSafe®, and DataSafe® product families. The company's global manufacturing footprint supports localized supply and service across Europe, the Americas, and Asia-Pacific.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



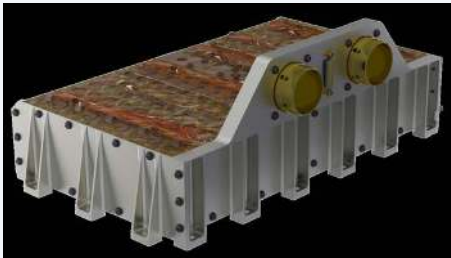
ENERSYS / ABSL SPACE PRODUCTS

ABSL CM1040 36s4p Li-ion Space Battery (126 V, 8 Ah)

Fully qualified 1066 Wh Li-ion space battery in 36s4p topology, used on launch vehicles including for Thrust Vector Control, 8.4 kg.

Cell	ABSL P20
Topology	36s4p
Voltage range	151.2 - 108.0 V
Nameplate capacity	8 Ah
Energy	1066 Wh
Footprint	209 x 362 mm
Height	115 mm

[price on request](#) [datasheet](#)



ENERSYS / ABSL SPACE PRODUCTS

ABSL CM1040 8s18p Li-ion Space Battery (28 V, 36 Ah)

1066 Wh Li-ion space battery in 8s18p topology on a 28 V bus, 36 Ah nameplate capacity, 8.8 kg.

Cell	ABSL P20
Topology	8s18p
Voltage range	33.6 - 24.0 V
Nameplate capacity	36 Ah
Energy	1066 Wh
Footprint	209 x 362 mm
Height	131 mm

[price on request](#) [datasheet](#)



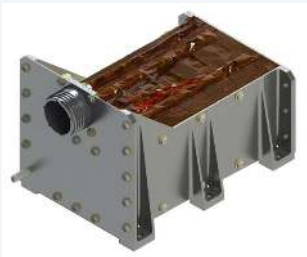
ENERSYS / ABSL SPACE PRODUCTS

ABSL CM170 4s6p Li-ion Space Battery (14 V, 12 Ah)

Compact 178 Wh Li-ion space battery in 4s6p topology for a 14 V bus, 1.6 kg, suited to SmallSat missions.

Cell	ABSL P20
Topology	4s6p
Voltage range	16.8 - 12.0 V
Nameplate capacity	12 Ah
Energy	178 Wh
Footprint	113 x 132 mm
Height	95 mm

[price on request](#) [datasheet](#)



ENERSYS / ABSL SPACE PRODUCTS

ABSL CM230 8s4p Li-ion Space Battery (28 V, 8 Ah)

236.8 Wh Li-ion space battery in 8s4p topology for a 28 V bus, 2.05 kg.

Cell	ABSL P20
Topology	8s4p
Voltage range	33.6 - 24.0 V
Nameplate capacity	8 Ah
Energy	236.8 Wh
Footprint	114 x 168 mm
Height	117 mm

[price on request](#) [datasheet](#)



ENERSYS / ABSL SPACE PRODUCTS

ABSL CM2300 16s20p Li-ion Space Battery (56 V, 40 Ah)

2300 Wh Li-ion space battery in 16s20p topology for a 56 V bus, 40 Ah nameplate capacity, 19.6 kg.

Cell	ABSL P20
Topology	16s20p
Voltage range	67.2 - 48.0 V
Nameplate capacity	40 Ah
Energy	2300 Wh
Footprint	260 x 359 mm
Height	177 mm

price on request [datasheet](#)



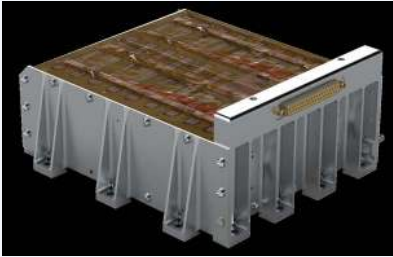
ENERSYS / ABSL SPACE PRODUCTS

ABSL CM2300 8s40p Li-ion Space Battery (28 V, 80 Ah)

2300 Wh Li-ion space battery in 8s40p topology for a 28 V bus, 80 Ah nameplate capacity, 20 kg.

Cell	ABSL P20
Topology	8s40p
Voltage range	33.6 - 24.0 V
Nameplate capacity	80 Ah
Energy	2300 Wh
Footprint	260 x 359 mm
Height	177 mm

price on request [datasheet](#)



ENERSYS / ABSL SPACE PRODUCTS

ABSL CM520 8s9p Li-ion Space Battery (28 V, 18 Ah)

532.8 Wh Li-ion space battery in 8s9p topology for a 28 V bus, 4.3 kg.

Cell	ABSL P20
Topology	8s9p
Voltage range	33.6 - 24.0 V
Nameplate capacity	18 Ah
Energy	532.8 Wh
Footprint	209 x 190 mm
Height	117 mm

price on request [datasheet](#)

Contact EnerSys / ABSL Space Products

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/enersys-absl-space-products/>

<https://www.enersys.com>

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