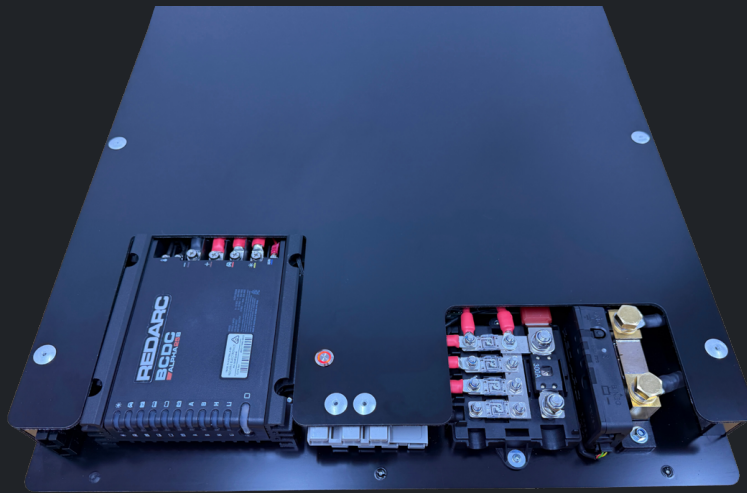


POWERDECK

ALPHA 105

Vehicle-specific floor with integrated lithium power



PowerDeck module reference image

105 Ah of EVE LiFePO4 power, REDARC Alpha50 charging and an integrated battery management system, built into the foundation of your INFINITY storage system.

105 Ah LITHIUM

4 EVE LF105 cells

REDARC ALPHA50

DC + solar charging

JK ACTIVE BMS

Protection + balancing

[VIEW ALPHA 105](#)

[BUILD YOUR INFINITY SYSTEM](#)

ALPHA 105

Power, charging and fitment

Battery capacity	105 Ah
Chemistry	LiFePO4 / LFP
Nominal voltage	12.8 V
Nominal energy	1.344 kWh
Cells and configuration	4 x EVE LF105 / 4S1P
Cell rating	105 Ah / 3.2 V per cell
Charging	REDARC BCDC Alpha50 / DC + solar
Configured charging	40 A (charger hardware rated 50 A)
Battery management	JK 300 A active-balancing BMS
Optional inverter capacity	Up to 2,000 W
Battery monitoring	BSEN500 via optional Essentials wing kit
Module warranty	5 years through Lawson Automotive

BUILT FOR YOUR VEHICLE

LandCruiser 300, Prado 250, Isuzu MU-X and Ford Everest 2023.5+. Mounting kit and subframe included. Rear seat removal required. Not offered for LandCruiser 200 or Prado 150.

Wings, storage modules, inverters, compressors and the Essentials monitoring kit are optional and sold separately. Use the INFINITY Builder for a complete configuration.

The BMS component rating is not the continuous output rating of the complete system. System discharge ratings will be added once confirmed. EVE publishes 4,000 cycles at 25 C under its test conditions; actual life depends on use.