

AUXILIARY POWER SYSTEM



BUILT FOR WORK.

Harbinger's Auxiliary Power System delivers 16 kWh of usable energy to power air conditioners, appliances, and equipment — all without idling your engine or running a generator. Purpose-built for demanding commercial vehicle applications. Engineered to last.



AUTOMOTIVE-GRADE ENGINEERING.



Built to rigorous EV industry standards, our proprietary battery design using Panasonic cells provides safe, high-power performance within a smaller footprint.

INTELLIGENT POWER MANAGEMENT.



Harbinger's proprietary Auxiliary Power System intelligently manages the high voltage batteries and supplies energy to the 12V battery so that your equipment is reliably powered.

BUILT FOR EXTREME TEMPERATURES.



Active liquid thermal management for cooling and heating ensures full power output from 0°F to 122°F (-18°C to 50°C), conditioning the system to suit your working environment.

FULLY SEALED, PROTECTIVE UNIT.



A rugged die-cast aluminum enclosure houses the battery and power electronics for maximum protection. IP6K9K rated to withstand vibration, moisture, and dust, keeping critical systems secure in demanding environments.

FLEXIBLE CHARGING.



Plug into any 110–240V outlet using a 15A, 30A, or 50A connection with no special equipment required. Recharge in as little as 1.3 hours on 50A, or plug in overnight to start the next day fully powered.

ELIMINATE IDLING COSTS.



Replace generator fuel and engine idling with clean, reliable battery power built for commercial use. Lower operating costs, reduce maintenance demands, and stay compliant in noise-restricted and anti-idling zones.

FEATURES & SPECIFICATIONS.

Nominal Voltage Range	240–400V
Total Energy	18.3 kWh
Usable Energy	16.0 kWh
Dimensions (L x W x H)	921 x 702 x 259 mm/36.3 x 27.6 x 10.2 in
Mass	160 kg / 342 lbs
Peak Output Power	6 kW
Continuous Output Power	6 kW
Cell Chemistry	Li-NCMA

12V BUS

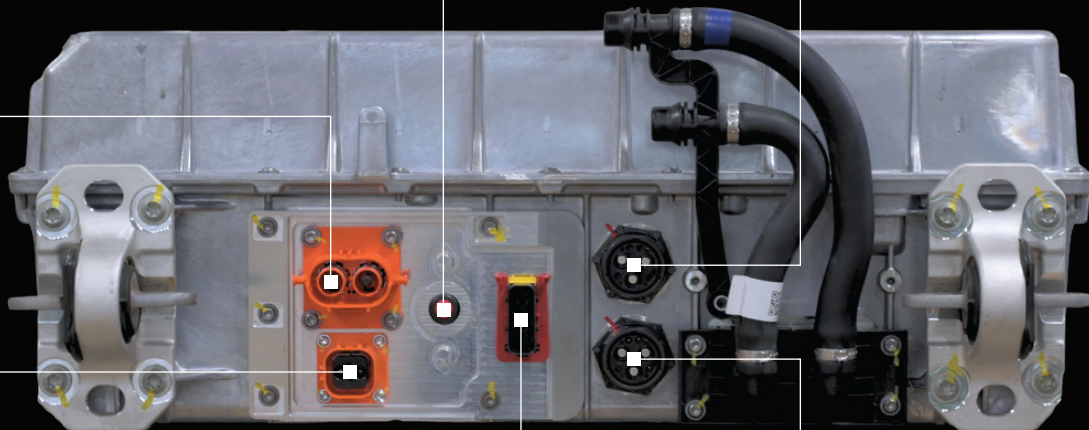
High-power connection to the 12V bus and charges the 12V battery. Proprietary Low Voltage Maintenance functionality ensures it doesn't run empty.

FUSES

Sealed fuses protect external components. Serviceable breakers mean you never need to open the pack, as all power electronics are in one, compact assembly.

AC INPUT

Accepts 120–240V with a sealed connection. Compatible with 15A, 30A, or 50A connection.



12V HEATER

Power output to the coolant heater. Active thermal management supports your system, even at ambient temperatures as low as 0°F.

HMI CONNECTION

Available from Harbinger or able to connect with an existing system over CAN. Enables you to keep track of both high and low voltage battery systems, monitor power consumption and see the rate of solar generation.

AC OUTPUT

Handles single and split phase applications to suit your voltage needs. The inverter is built in to the system so you can power multiple high-draw appliances concurrently and safely.