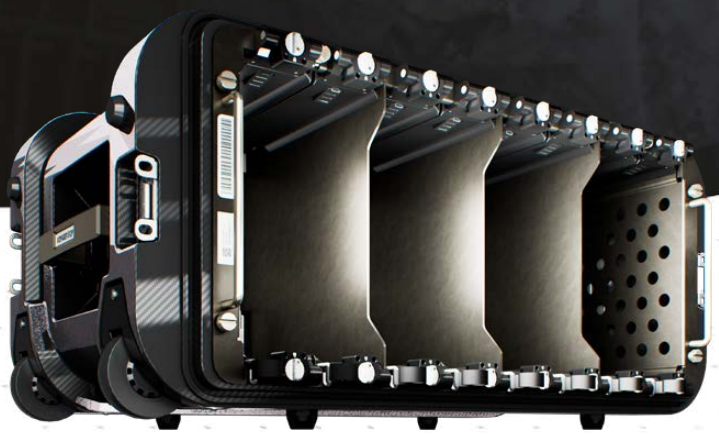
VOYAGER|8 QP

The Voyager 8 Quad Power (QP) is an eight slot chassis with four separate power elements for multi-enclave applications. It is based on the award winning Voyager 8 carbon fiber chassis and case.

The chassis power system can be divided into four quadrants so that four separately powered enclaves can exist within the Voyager 8 QP chassis and case.



KEY FEATURES

- Voyager 8 form factor case and chassis
- Supports up to four enclaves
- AC power (primary) and DC power (secondary) with 250 W available per enclave
- Each enclave is powered via separate AC and DC power inlets to provide electrical isolation between enclaves
- Any power quadrant is field replaceable (FRU) and can be removed from the chassis without impacting the live functionality of other quadrants for ease of mainenance
- Battery back-up option available using the proven Voyager 1+ UPS or a 2590 battery with Klas cable (CABL-1206)

RUGGED

SECURE

VEHICLE POWERED

VOYAGER|8 QP

Specifications

ORDERING INFORMATION

- Part No.: KLAS-VOY-CHAS8-QP-B

PHYSICAL SPECIFICATIONS

- 22.6" W x 14.5" D x 10.6" H (575 x 368 x 268 mm) with removable 19" rack-mountable chassis
- 19.6 kg /43.2 lb

CONSTRUCTION

- Carbon fiber transit case
- Milled aluminum hardware
- Neoprene O-ring watertight seal
- Manual pressure equalization valve
- Milled aluminum latches
- Fan cooled (each power quadrant has an internal fan)
- 19" rack mountable

HANDLES

- Retractable extension handle
- Grab handles on top and bottom of case

OPERATING TEMPERATURE RANGE

- -40°C to 50°C (-40°F to 122°F)

STORAGE TEMPERATURE RANGE

- -40°C to 85°C (-40°F to 185°F)

ELECTRICAL INPUT SPECIFICATION

- 90 - 264 VAC via four separate C14 IEC inlets
- 20 to 33 V (23 Amps max) via PT02E-12-8P MIL-STD-1275E
- M6 Earth stud

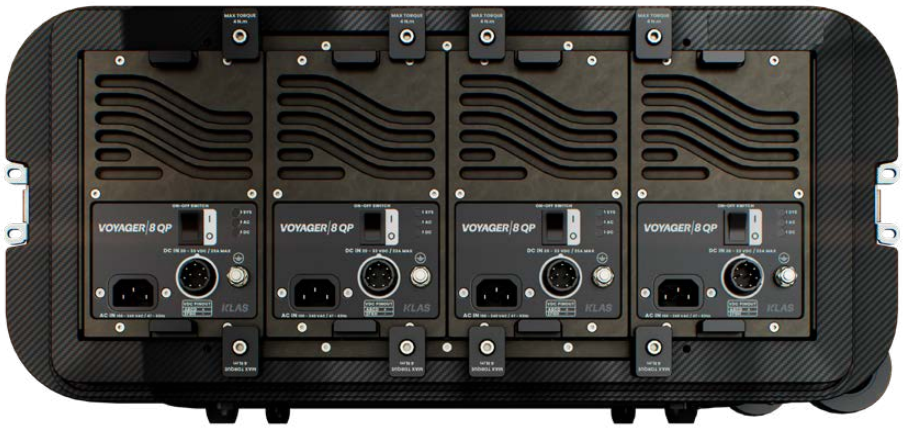
ELECTRICAL OUTPUT SPECIFICATIONS

- Each power quadrant can deliver up to 250 W in total between 12 V and PoE
- Each slot interface can deliver 12 V at 120 W
- Each quadrant can deliver 52 V at 60 W for PoE

COMPLIANCE

Designed to meet:

- IEC 60529 IP67
- Built to MIL-STD-461
- Built to MIL-STD-810
- Built to MIL-STD-1275E
- CE
- FCC CFR 47 Part 15 Subpart B Class A
- RoHS Directive
- IEC 61000-4-2 & IEC 61000-4-5



Voyager 8 QP Rear