Air Quantum

Wireless Power, Maximum Performance

Large 7 inch screen shows clear, real-time operational data

Vision sensor with Foreign Object Detection for increased safety

Easy mounting of ROVR to vehicle or battery compartment

Air Quantum Advantages

- Wireless Control and Connectivity
  - Automated, contactless charging starts when in range
  - Vision sensor with Foreign Object Detection; charging stops if gap is obstructed
  - No plug-in, cables, or operator interaction required
  - Minimal driver alignment precision requirements
  - Data and Analytics available in ACTview
  - No moving or wearable parts
  - Automated Guided Vehicle (AGV) ready
- Throughput, Flexibility, and Efficiency
  - High-power wireless: 19.2 kW / 400 A
  - Charging efficiency up to 91%
  - Wide parking window: 3–10″ air gap, ±6″ misalignment
  - Works with lead-acid and lithium-ion batteries (24V-48V)
  - No in-floor infrastructure required

Advanced Charging Technologies
act-chargers.com

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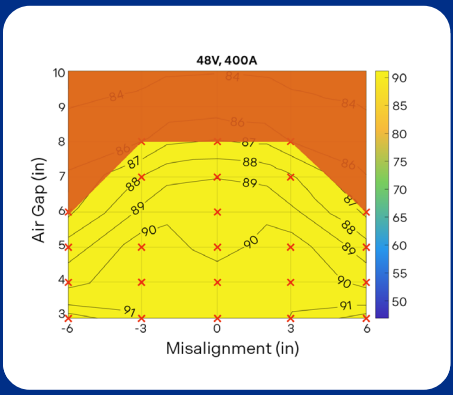
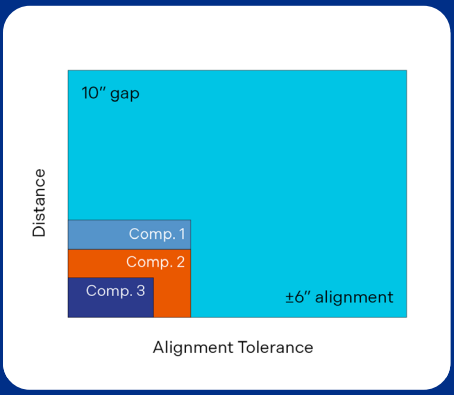
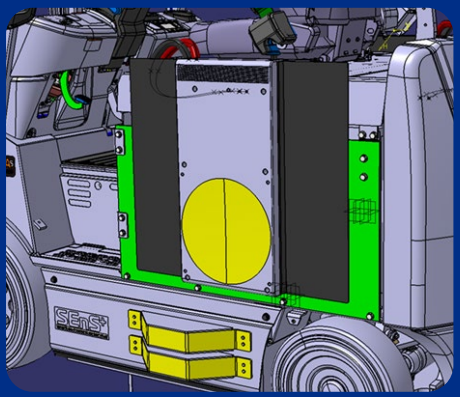
Air Quantum Wireless Charger Specifications

Air Quantum Base Station	
Input Voltage (AC)	3-phase, 480 V, 50-60 Hz
Current Draw	30 A
Air Gap	3-10″ air gap
Misalignment	Up to ± 6″
Foreign Object Detection	Based on SAE J2954
Cloud Connectivity	ACTview - Intelligent Fleet Analytics and Reporting
Dimensions	12″ x 28.2″ x 66.3″ (L x W x H)
Weight	398 lbs.
Display	7″, LCD
Operating Temperature	0°C to 45°C

ROVR	
Battery Voltage	24 - 48 V (nominal) 16 - 60 V (actual)
Maximum Output Charging Current and Power	400 A or 19.2 kW
Battery Compatibility	Lead-Acid, Lithium-Ion
Battery Communication	CAN, Analog, or Open-Loop
Cooling	Forced air, mounting agnostic
Mounting	Easy mounting of ROVR to vehicle or battery compartment
Base Station Communication Frequency	915 Mhz
Dimensions	15.5″ x 27.5″ x 3.25″
Weight	75 lbs.







Certified
UL 2750 • UL1564 • FCC Part 15 subpart C (intentional radiator) • 15.247 RF communication • FCC Part 18 - conducted and radiated emissions

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