



Quantum R19

Wireless Power, Maximum Performance

Easy mounting of
ROVR to vehicle
or battery
compartment



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



Vision sensor
with Foreign
Object Detection
for increased safety

Quantum R19 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, $\pm 6"$ misalignment
 - Works with lead-acid and lithium-ion batteries (24V-48V)
 - No in-floor infrastructure required

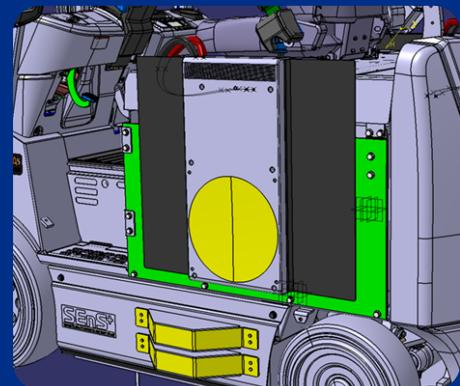
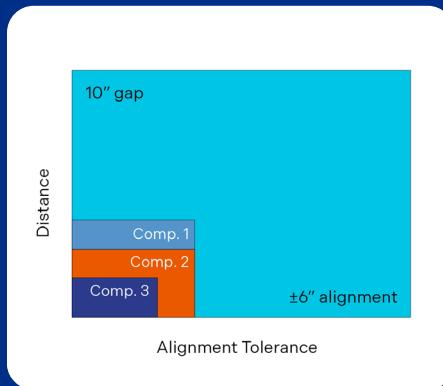
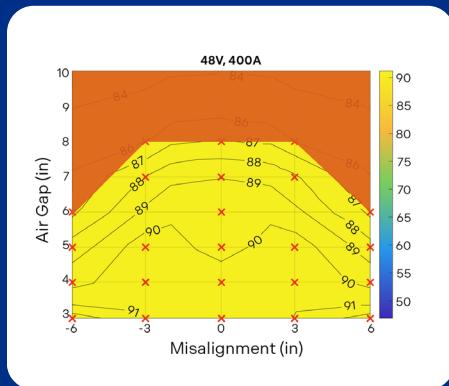
Quantum R19 Wireless Charger Specifications

R19 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 $\pm 6"$
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