

# QUANTUM

Industrial Battery Charger and Smart Appliance  
for Material Handling Equipment



## REMOTELY MONITOR, ANALYZE AND CONTROL YOUR FORKLIFT BATTERY CHARGERS

Designed with Wi-Fi connectivity for remote monitoring, control and seamless integration with ACT's automated data management platform, ACTintelligent. Conventional, opportunity, and fast charge capabilities are all integrated into a single, modular design.



### Quantum Charger Advantages:

- Wi-Fi Connectivity:
  - Automated data uploads with real-time analytics & reports accessible from anywhere, anytime and from any device
  - Manage & send commands remotely to start and stop charge cycles or program optimal charge and equalization cycles
  - Identify issues remotely and send automated alerts
  - Continuous improvements via remote firmware and software updates
- Highest charge efficiency (> 94% peak and > 93.5% total cycle efficiency) to reduce power consumption and save energy and costs
- Multi-voltage and multi-AH capabilities to meet the charging needs of various material handling equipment and batteries (lithium-ion, sealed lead acid (VRLA & AGM) and flooded lead acid)



**Advanced Charging Technologies**

17260 Newhope St., Fountain Valley, CA 92708

877.228.5922

info@act-chargers.com

[act-chargers.com](http://act-chargers.com)

## Quantum Features & Benefits:



- Touchscreen interactive display for control and troubleshooting

- LED status bar on charger provides visual alerts



- Modular design with plug-n-play power module installation
- Auto bypass of faulty modules for uninterrupted operations



## Integrated Solution for Smart Battery Charging and Monitoring



**Fully-managed motive power fleet monitoring services**

The real-time data is analyzed and presented in a simplified dashboard view to help you troubleshoot, problem solve, and optimize the efficiency of your fleet across all sites. Proactive support includes remote monitoring, hands-free troubleshooting, automated alerts, customized reports and analytics.



**The Industry's first smart battery monitor**

Remotely analyze fleet performance through advanced data analytics, battery utilization and battery performance data.

**DATA IS ONLY USEFUL  
IF YOU ACT ON IT**

## Quantum Specifications:

Power Rating	2 - 24 kW
Utility Requirements	208/380/400/480/600 VAC, 3-Phase
Full Load Amp Draw	2A - 76A
Peak Charge Efficiency	> 94%
Total Charge Cycle Efficiency	> 93.5%
Battery Voltage Range	24V - 80V
Max Output Current	25A - 600A
Weight	53 lbs. to 181 lbs. (based on size and # of power modules)
Dimensions	Q4: L16" x W16" x H24" Q6: L24" x W16" x H24" Q12: L24" x W16" x H36"
Maximum Temperature	50° C / 122° F (No derating)

**CERTIFIED: | UL/CUL/CE | CEL**

