

QUANTUM OUTDOOR

Battery Charger and Smart Appliance for
Outdoor Electric Material Handling Equipment



REMOTELY MONITOR, ANALYZE AND CONTROL YOUR OUTDOOR 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 Outdoor 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 equipment and batteries (lithium-ion, sealed lead acid (VRLA & AGM) and flooded lead acid)



Advanced Charging Technologies

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DATA DRIVEN SOLUTIONS TO HELP YOU SUCCESSFULLY MANAGE THE OUTPUT OF YOUR OUTDOOR FLEET.

Quantum Outdoor Features & Benefits:



- Full-color display provides current battery status
- 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



ACTintelligent

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.



BATTview

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 OUTDOOR Specifications:

| | Q6-Outdoor | Q12-Outdoor |
|---|------------------------------|------------------------------|
| Power Rating | 6 - 12 kW | 10 - 24 kW |
| Utility Requirements | 208/480* VAC, 3-Phase | 208/480* VAC, 3-Phase |
| Full Load Amp Draw | 7A - 38A | 38A - 77A |
| Peak Charge Efficiency | > 94% | > 94% |
| Total Charge Cycle Efficiency | > 93.5% | > 93.5% |
| Battery Voltage Range | 24V - 80V | 24V - 80V |
| Max Output Current | 75A - 300A | 125A - 600A |
| Weight (based on # of power modules used) | Up to 125 lbs | Up to 215 lbs |
| Dimensions | 26.5"H x 26"W x 20"D | 38.7"H x 26"W x 20"D |
| Maximum Temperature | 50° C / 122° F (No derating) | 50° C / 122° F (No derating) |

* Please call for availability of 380/600 VAC, 3-phase

CERTIFIED: 3R OUTDOOR ENCLOSURE | UL/CUL | CEC



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