

QUANTUM GSE

Battery Charger and Smart Appliance for
Airport Ground Support Equipment (GSE)



REMOTELY MONITOR, ANALYZE AND CONTROL YOUR GSE 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 GSE 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 ground support 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

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act-chargers.com



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

Quantum GSE 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 GSE Specifications:

	Q6-GSE	Q12-GSE
Power Rating	6 - 12 kW	10 - 24 kW
Utility Requirements	208/380/480/600* VAC, 3-Phase	208/380/480/600* 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 136 lbs	Up to 227 lbs
Dimensions	26.5"H x 26"W x 25"D	38.7"H x 26"W x 25"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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