



A LEAP FORWARD in Industrial Charging Technology

The Quantum chargers is ACT's next leap of intelligent charging solutions featuring a modular and flexible design, high energy efficiencies, and advanced energy management to achieve greater energy savings.

- Modular Technology
- Wireless Cloud Integration
- Advanced Energy Management
- Highest Efficiency
- Highest Reliability
- 5 Year Warranty
- Smart Grid Ready



TAKE CHARGE

 with ACT Advanced Power Solutions

ACT Engineering Center
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| TYPE | Voltage | MODEL | Output Current (A) | Max Power (kW) | Current Draw 208V/480V (Amp) | Charger Weight (lbs) | |
|--------------|---------|--------------|--------------------|----------------|------------------------------|----------------------|-----|
| CONVENTIONAL | 24 Volt | Q4-C24-310 | 50 | 2.3 | 5.5/2.75 | 53 | |
| | | Q4-C24-625 | 100 | 4.6 | 11/5.5 | 60 | |
| | | Q4-C24-935 | 150 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-C24-1250 | 200 | 9.1 | 22/11 | 76 | |
| | 36 Volt | Q4-C36-310 | 50 | 2.3 | 5.5/2.75 | 53 | |
| | | Q4-C36-625 | 100 | 4.6 | 11/5.5 | 60 | |
| | | Q4-C36-935 | 150 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-C36-1250 | 200 | 9.1 | 22/11 | 76 | |
| | 48 Volt | Q4-C48-260 | 40 | 2.3 | 5.5/2.75 | 53 | |
| | | Q4-C48-525 | 80 | 4.6 | 11/5.5 | 60 | |
| | | Q4-C48-785 | 120 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-C48-1050 | 160 | 9.1 | 22/11 | 76 | |
| OPPORTUNITY | 24 Volt | Q4-O24-600 | 150 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-O24-800 | 200 | 9.1 | 22/11 | 76 | |
| | | Q6-O24-600 | 150 | 6.9 | 16.5/8.25 | 83 | |
| | | Q6-O24-800 | 200 | 9.1 | 22/11 | 91 | |
| | | Q6-O24-1000 | 250 | 11.4 | 27.5/13.75 | 99 | |
| | | Q6-O24-1200 | 300 | 13.7 | 33/16.5 | 106 | |
| | 36 Volt | Q4-O36-600 | 150 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-O36-800 | 200 | 9.1 | 22/11 | 76 | |
| | | Q6-O36-600 | 150 | 6.9 | 16.5/8.25 | 83 | |
| | | Q6-O36-800 | 200 | 9.1 | 22/11 | 91 | |
| | | Q6-O36-1000 | 250 | 11.4 | 27.5/13.75 | 99 | |
| | | Q6-O36-1200 | 300 | 13.7 | 33/16.5 | 106 | |
| | 48 Volt | Q4-O48-500 | 120 | 6.9 | 16.5/8.25 | 68 | |
| | | Q4-O48-670 | 160 | 9.1 | 22/11 | 76 | |
| | | Q6-O48-500 | 120 | 6.9 | 16.5/8.25 | 83 | |
| | | Q6-O48-670 | 160 | 9.1 | 22/11 | 91 | |
| | | Q6-O48-840 | 200 | 11.4 | 27.5/13.75 | 99 | |
| | | Q6-O48-1050 | 240 | 13.7 | 33/16.5 | 106 | |
| | FAST | 36 Volt | Q6-F36-750 | 300 | 13.7 | 33/16.5 | 106 |
| | | | Q12-F36-750 | 300 | 13.7 | 33/16.5 | 131 |
| | | | Q12-F36-875 | 350 | 16 | 38.5/19.25 | 139 |
| | | | Q12-F36-1000 | 400 | 18.3 | 44/22 | 147 |
| | | | Q12-F36-1125 | 450 | 20.6 | 49.5/24.75 | 154 |
| | | | Q12-F36-1250 | 500 | 22.9 | 55/27.5 | 162 |
| 48 Volt | | Q6-F48-630 | 240 | 13.7 | 33/16.5 | 106 | |
| | | Q12-F48-630 | 240 | 13.7 | 33/16.5 | 131 | |
| | | Q12-F48-735 | 280 | 16 | 38.5/19.25 | 139 | |
| | | Q12-F48-840 | 320 | 18.3 | 44/22 | 147 | |
| | | Q12-F48-945 | 360 | 20.6 | 49.5/24.75 | 154 | |
| | | Q12-F48-1050 | 400 | 22.9 | 55/27.5 | 162 | |

TECHNICAL SPECIFICATIONS

Key Features

- Modular design featuring
 - Plug-n-Play installation
 - Built-in redundancy
 - Fault tolerant operation
 - Simplified service
 - Scalability through field expansion
- Advanced energy management
- WiFi and PLC communications
- CEC compliant

Key Specifications

- Input Voltages of 208/240V or 480V 3-phase
- Efficiency (Max) ~ 94%
- Power Factor (Typical) > 0.94
- No Euro connectors required for up to 350A

Remote Monitoring Capabilities

Chargers enabled with ACTview integration will provide remote monitoring and fleet operation optimization.

- Service issues pinpointed remotely
- Service dispatched seamlessly
- Key performance parameters monitored and tracked

Dimensions (inches)

Q4 16x16x24

Q6 24x16x24

Q12 24x16x36



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