



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

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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

ACT Model - Quantum	Number PMs	Output Current	Efficiency (Typical)	Power Factor (Typical)	Input Current Draw 208 VAC (Amps)	Input Current Draw 480 VAC (Amps)	Input Current Draw 600 VAC (Amps)	Standard Cable (Diameter/Length)
24/36V - 208/480/600 - 3 Phase								
Q4-24/36-50	1	50	>93%	>0.94	6.35	2.75	2.2	1/0 - 8'
Q4-24/36-100	2	100	>93%	>0.94	12.7	5.5	4.4	1/0 - 8'
Q4-24/36-150	3	150	>93%	>0.94	19	8.25	6.6	2/0 - 8'
Q4-24/36-200	4	200	>93%	>0.94	25.4	11	8.8	2/0 - 8'
Q6-24/36-50	1	50	>93%	>0.94	6.35	2.75	2.2	1/0 - 8'
Q6-24/36-100	2	100	>93%	>0.94	12.7	5.5	4.4	1/0 - 8'
Q6-24/36-150	3	150	>93%	>0.94	19	8.25	6.6	2/0 - 8'
Q6-24/36-200	4	200	>93%	>0.94	25.4	11	8.8	2/0 - 8'
Q6-24/36-250	5	250	>93%	>0.94	31.75	13.75	11	3/0 - 8'
Q6-24/36-300	6	300	>93%	>0.94	38.1	16.5	13.2	3/0 - 8'
Q12-24/36-50	1	50	>93%	>0.94	6.35	2.75	2.2	1/0 - 10'
Q12-24/36-100	2	100	>93%	>0.94	12.7	5.5	4.4	1/0 - 10'
Q12-24/36-150	3	150	>93%	>0.94	19	8.25	6.6	2/0 - 10'
Q12-24/36-200	4	200	>93%	>0.94	25.4	11	8.8	2/0 - 10'
Q12-24/36-250	5	250	>93%	>0.94	31.75	13.75	11	3/0 - 10'
Q12-24/36-300	6	300	>93%	>0.94	38.1	16.5	13.2	3/0 - 10'
Q12-24/36-350	7	350	>93%	>0.94	44.45	19.25	15.4	4/0 - 10'
Q12-24/36-400	8	400	>93%	>0.94	50.8	22	17.6	2X - 2/0 - 10'
Q12-24/36-450	9	450	>93%	>0.94	57.15	24.75	19.8	2X - 2/0 - 10'
Q12-24/36-500	10	500	>93%	>0.94	63.5	27.5	22	2X - 3/0 - 10'
Q12-24/36-550	11	550	>93%	>0.94	69.85	30.25	24.2	2X - 3/0 - 10'
Q12-24/36-600	12	600	>93%	>0.94	76.2	33	26.4	2X - 3/0 - 10'
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Q4-48-40	1	42	>93%	>0.94	6.35	2.75	2.2	1/0 - 8'
Q4-48-80	2	84	>93%	>0.94	12.7	5.5	4.4	1/0 - 8'
Q4-48-120	3	126	>93%	>0.94	19	8.25	6.6	2/0 - 8'
Q4-48-160	4	168	>93%	>0.94	25.4	11	8.8	2/0 - 8'
Q6-48-40	1	42	>93%	>0.94	6.35	2.75	2.2	1/0 - 8'
Q6-48-80	2	84	>93%	>0.94	12.7	5.5	4.4	1/0 - 8'
Q6-48-120	3	126	>93%	>0.94	19	8.25	6.6	2/0 - 8'
Q6-48-160	4	168	>93%	>0.94	25.4	11	8.8	2/0 - 8'
Q6-48-200	5	210	>93%	>0.94	31.75	13.75	11	3/0 - 8'
Q6-48-240	6	252	>93%	>0.94	38.1	16.5	13.2	3/0 - 8'
Q12-48-40	1	42	>93%	>0.94	6.35	2.75	2.2	1/0 - 10'
Q12-48-80	2	84	>93%	>0.94	12.7	5.5	4.4	1/0 - 10'
Q12-48-120	3	126	>93%	>0.94	19	8.25	6.6	2/0 - 10'
Q12-48-160	4	168	>93%	>0.94	25.4	11	8.8	2/0 - 10'
Q12-48-200	5	210	>93%	>0.94	31.75	13.75	11	3/0 - 10'
Q12-48-240	6	252	>93%	>0.94	38.1	16.5	13.2	3/0 - 10'
Q12-48-280	7	294	>93%	>0.94	44.45	19.25	15.4	3/0 - 10'
Q12-48-320	8	336	>93%	>0.94	50.8	22	17.6	4/0 - 10'
Q12-48-360	9	378	>93%	>0.94	57.15	24.75	19.8	2X - 2/0 - 10'
Q12-48-400	10	420	>93%	>0.94	63.5	27.5	22	2X - 3/0 - 10'
Q12-48-440	11	462	>93%	>0.94	69.85	30.25	24.2	2X - 3/0 - 10'
Q12-48-480	12	504	>93%	>0.94	76.2	33	26.4	2X - 3/0 - 10'

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

