

MOTOR
APPLIANCE
CORPORATION

555 SPIRIT OF ST. LOUIS BLVD
ST. LOUIS, MO 63005
636-532-3406
636-532-4609 FAX
1-800-622-3406



SERIES 100Q – QUANTUM II
INDUSTRIAL BATTERY CHARGERS

DATA SHEET

SINGLE (S) PHASE, 60HZ										NEW 070606
MODEL	CELL	AMP HR	PHASE	DC	AC INPUT AMPS					SHIP WT.
	(VOLTAGE)	VOLTAGE		AMPS	120	208	240	480	600	LBS (KG)
6Q175SHF35	6 (12V)	-175	S	30	4.9	2.8	2.4			50 (23)
6Q175SJF35	6 (12V)	-175	S	30		2.8	2.4	1.2		
6Q175SLF35	6 (12V)	-175	S	30			2.4	1.2	1.0	
6Q260SHF35	6 (12V)	176-260	S	45	7.3	4.2	3.7			54 (24)
6Q260SJF35	6 (12V)	176-260	S	45		4.2	3.7	1.8		
6Q260SLF35	6 (12V)	176-260	S	45			3.7	1.8	1.5	
6Q380SHF35	6 (12V)	261-380	S	65	10.6	6.1	5.3			57 (26)
6Q380SJF35	6 (12V)	261-380	S	65		6.1	5.3	2.6		
6Q380SLF35	6 (12V)	261-380	S	65			5.3	2.6	2.1	
6Q440SHF35	6 (12V)	381-440	S	80	13.0	7.5	6.5			61 (28)
6Q440SJF35	6 (12V)	381-440	S	80		7.5	6.5	3.3		
6Q440SLF35	6 (12V)	381-440	S	80			6.5	3.3	2.6	
6Q510SHF35	6 (12V)	441-510	S	90	14.6	8.4	7.3			65 (29)
6Q510SJF35	6 (12V)	441-510	S	90		8.4	7.3	3.7		
6Q510SLF35	6 (12V)	441-510	S	90			7.3	3.7	2.9	
6Q600SHG35	6 (12V)	511-600	S	105	17.1	9.8	8.5			85 (39)
6Q600SJG35	6 (12V)	511-600	S	105		9.8	8.5	4.3		
6Q600SLG35	6 (12V)	511-600	S	105			8.5	4.3	3.4	
6Q750SHG35	6 (12V)	601-750	S	130	21.1	12.2	10.6			105 (48)
6Q750SJG35	6 (12V)	601-750	S	130		12.2	10.6	5.3		
6Q750SLG35	6 (12V)	601-750	S	130			10.6	5.3	4.2	
6Q865SJG35	6 (12V)	751-865	S	150		14.1	12.2	6.1		130 (59)
6Q865SLG35	6 (12V)	751-865	S	150			12.2	6.1	4.9	
6Q970SJG35	6 (12V)	866-970	S	165		15.5	13.4	6.7		160 (73)
6Q970SLG35	6 (12V)	866-970	S	165			13.4	6.7	5.4	
NEW 070606										
12Q175SHF35	12 (24V)	-175	S	30	9.8	5.6	4.9			52 (24)
12Q175SJF35	12 (24V)	-175	S	30		5.6	4.9	2.4		
12Q175SLF35	12 (24V)	-175	S	30			4.9	2.4	2.0	
12Q260SHF35	12 (24V)	176-260	S	45	14.6	8.4	7.3			59 (28)
12Q260SJF35	12 (24V)	176-260	S	45		8.4	7.3	3.7		
12Q260SLF35	12 (24V)	176-260	S	45			7.3	3.7	2.9	
12Q380SHF35	12 (24V)	261-380	S	65	21.1	12.2	10.6			71 (32)
12Q380SJF35	12 (24V)	261-380	S	65		12.2	10.6	5.3		
12Q380SLF35	12 (24V)	261-380	S	65			10.6	5.3	4.2	

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SERIES 100Q – QUANTUM II

DATA SHEET

INDUSTRIAL BATTERY CHARGERS

SINGLE (S) PHASE, 60HZ

NEW 070606

MODEL	CELL	AMP HR	PHASE	DC	AC INPUT AMPS					SHIP WT.
	(VOLTAGE)	VOLTAGE		AMPS	120	208	240	480	600	LBS (KG)
12Q440SJF35	12 (24V)	381-440	S	80		15.0	13.0	6.5		78 (35)
12Q440SLF35	12 (24V)	381-440	S	80			13.0	6.5	5.2	
12Q510SJF35	12 (24V)	441-510	S	90		16.9	14.6	7.3		95 (43)
12Q510SLF35	12 (24V)	441-510	S	90			14.6	7.3	5.9	
12Q600SJG35	12 (24V)	511-600	S	105		19.7	17.1	8.5		98 (44)
12Q600SLG35	12 (24V)	511-600	S	105			17.1	8.5	6.8	
12Q675SJG35	12 (24V)	511-600	S	115		21.6	18.7	9.3		102 (46)
12Q675SLG35	12 (24V)	511-600	S	115			18.7	9.3	7.5	
12Q750SJG35	12 (24V)	601-750	S	130		24.4	21.1	10.6		106 (48)
12Q750SLG35	12 (24V)	601-750	S	130			21.1	10.6	8.5	
12Q865SJG35	12 (24V)	751-865	S	150		28.1	24.4	12.2		135 (61)
12Q865SLG35	12 (24V)	751-865	S	150			24.4	12.2	9.8	
12Q970SJG35	12 (24V)	866-970	S	165		30.9	26.8	13.4		165 (75)
12Q970SLG35	12 (24V)	866-970	S	165			26.8	13.4	10.7	
18Q175SHF35	18 (36V)	-175	S	30	14.6	14.6	8.4	7.3		70 (32)
18Q175SJF35	18 (36V)	-175	S	30		8.4	7.3	3.7		
18Q175SLF35	18 (36V)	-175	S	30			7.3	3.7	2.9	
18Q260SHF35	18 (36V)	176-260	S	45	21.9	12.7	11.0			77 (35)
18Q260SJF35	18 (36V)	176-260	S	45		12.7	11.0	5.5		
18Q260SLF35	18 (36V)	176-260	S	45			11.0	5.5	4.4	
18Q380SJG35	18 (36V)	261-380	S	65		18.3	15.8	7.9		85 (39)
18Q380SLG35	18 (36V)	261-380	S	65			15.8	7.9	6.3	
18Q440SJG35	18 (36V)	381-440	S	80		22.5	19.5	9.8		92 (42)
18Q440SLG35	18 (36V)	381-440	S	80			19.5	9.8	7.8	
18Q510SJG35	18 (36V)	441-510	S	90		25.3	21.9	11.0		100 (45)
18Q510SLG35	18 (36V)	441-510	S	90			21.9	11.0	8.8	
18Q600SJG35	18 (36V)	511-600	S	105		29.5	25.6	12.8		109 (49)
18Q600SLG35	18 (36V)	511-600	S	105			25.6	12.8	10.2	
18Q675SJG35	18 (36V)	601-675	S	115		32.3	28.0	14.0		121 (55)
18Q675SLG35	18 (36V)	601-675	S	115			28.0	14.0	11.2	
18Q750SJG35	18 (36V)	676-750	S	130		36.6	31.7	15.8		133 (60)
18Q750SLG35	18 (36V)	676-750	S	130			31.7	15.8	12.7	

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INDUSTRIAL BATTERY CHARGERS

SINGLE (S) PHASE, 60HZ NEW 070606

MODEL	CELL	AMP HR	PHASE	DC	AC INPUT AMPS					SHIP WT.
	(VOLTAGE)	VOLTAGE		AMPS	120	208	240	480	600	LBS (KG)
18Q865SJG35	18 (36V)	751-865	S	150		42.2	36.6	18.3		146 (66)
18Q865SLG35	18 (36V)	751-865	S	150			36.0	18.3	14.6	
18Q970SLG35	18 (36V)	866-970	S	165			40.2	20.1	16.1	170 (77)
24Q260SJG35	24 (48V)	176-260	S	45		16.9	14.6	7.3		82 (37)
24Q260SLG35	24 (48V)	176-260	S	45			14.6	7.3	5.9	
24Q380SJG35	24 (48V)	261-380	S	65		24.4	21.1	10.6		88 (40)
24Q380SLG35	24 (48V)	261-380	S	65			21.1	10.6	8.5	
24Q440SJG35	24 (48V)	381-440	S	80		30.0	26.0	13.0		95 (43)
24Q440SLG35	24 (48V)	381-440	S	80			26.0	13.0	10.4	
24Q510SJG35	24 (48V)	441-510	S	90		33.7	29.3	14.6		101 (46)
24Q510SLG35	24 (48V)	441-510	S	90			29.3	14.6	11.7	
24Q600SJG35	24 (48V)	511-600	S	105		39.4	34.1	17.1		129 (59)
24Q600SLG35	24 (48V)	511-600	S	105			34.1	17.1	13.7	
24Q750SRG35	24 (48V)	601-750	S	130				21.2	16.9	137 (62)

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MODEL DESIGNATION

EXAMPLE: 24 Q 750 S R G 35

24 = Number of cells
S = Single Phase

Q = Quantum Brand Name
R = AC Input voltage
35 = Charger Control

750 = Amp Hour Capacity
G = Cabinet

AC INPUT
VOLTAGE CODES

H = 120/208/240 - 60 HZ
J = 208/240/480 - 60 HZ
L = 240/480/600 - 60 HZ
R = 480/600 - 60 HZ

CABINET INFORMATION

CODE	HEIGHT	WIDTH	DEPTH
F =	22.62"	14.16"	14.14"
G =	25.06"	20.19"	21.48"

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SERIES 100Q – QUANTUM II
INDUSTRIAL BATTERY CHARGERS

DATA SHEET

THREE (T) PHASE, 60 HZ

NEW 070606

MODEL	CELL (VOLTAGE)	AMP HR RANGE	PHASE	DC AMPS	AC INPUT AMPS				SHIP WT. LBS (KG)
					208	240	480	600	
6Q380TJH35	6 (12V)	261-380	T	65	3.8	3.3	1.6		125 (57)
6Q380TLH35	6 (12V)	261-380	T	65		3.3	1.6	1.3	
6Q440TJH35	6 (12V)	381-440	T	80	4.6	4.0	2.0		129 (59)
6Q440TLH35	6 (12V)	381-440	T	80		4.0	2.0	1.6	
6Q510TJH35	6 (12V)	441-510	T	90	5.2	4.5	2.3		135 (61)
6Q510TLH35	6 (12V)	441-510	T	90		4.5	2.3	1.8	
6Q600TJH35	6 (12V)	511-600	T	105	6.1	5.3	2.7		139 (63)
6Q600TLH35	6 (12V)	511-600	T	105		5.3	2.7	2.1	
6Q750TJH35	6 (12V)	601-750	T	130	7.5	6.5	3.3		140 (64)
6Q750TLH35	6 (12V)	601-750	T	130		6.5	3.3	2.6	
6Q865TJH35	6 (12V)	751-865	T	150	8.7	7.5	3.8		153 (69)
6Q865TLH35	6 (12V)	751-865	T	150		7.5	3.8	3.0	
6Q970TJH35	6 (12V)	866-970	T	165	9.5	8.3	4.1		174 (79)
6Q970TLH35	6 (12V)	866-970	T	165		8.3	4.1	3.3	
6Q1050TJH35	6 (12V)	971-1050	T	180	10.4	9.0	4.5		195 (88)
6Q1050TLH35	6 (12V)	971-1050	T	180		9.0	4.5	3.6	
6Q1200TJH35	6 (12V)	1051-1200	T	210	12.1	10.5	5.3		208 (94)
6Q1200TLH35	6 (12V)	1051-1200	T	210		10.5	5.3	4.2	
6Q1410TJH35	6 (12V)	1201-1410	T	240	13.8	12.0	6.0		214 (97)
6Q1410TLH35	6 (12V)	1201-1410	T	240		12.0	6.0	4.8	
12V									
12Q175TJH35	12 (24V)	-175	T	30	3.5	3.1	1.5		139 (63)
12Q175TLH35	12 (24V)	-175	T	30		3.1	1.5	1.2	
12Q260TJH35	12 (24V)	176-260	T	45	5.2	4.5	2.3		146 (66)
12Q260TLH35	12 (24V)	176-290	T	45		4.5	2.3	1.8	
12Q380TJH35	12 (24V)	261-380	T	65	7.5	6.5	3.3		155 (70)
12Q380TLH35	12 (24V)	261-380	T	65		6.5	3.3	2.6	
12Q440TJH35	12 (24V)	381-440	T	80	9.2	8.0	4.0		159 (72)
12Q440TLH35	12 (24V)	381-440	T	80		8.0	4.0	3.2	
12Q510TJH35	12 (24V)	441-510	T	90	10.4	9.0	4.5		162 (73)
12Q510TLH35	12 (24V)	441-510	T	90		9.0	4.5	3.6	
12Q600TJH35	12 (24V)	511-600	T	105	12.1	10.5	5.3		165 (75)
12Q600TLH35	12 (24V)	511-600	T	105		10.5	5.3	4.2	
12Q675TJH35	12 (24V)	601-675	T	115	13.3	11.5	5.8		170 (77)

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SERIES 100Q – QUANTUM II

DATA SHEET

INDUSTRIAL BATTERY CHARGERS

THREE (T) PHASE, 60 HZ

NEW 070606

MODEL	CELL	AMP HR	PHASE	DC	AC INPUT AMPS				SHIP WT.
	(VOLTAGE)	VOLTAGE		AMPS	208	240	480	600	LBS (KG)
12Q675TLH35	12 (24V)	601-675	T	115		11.5	5.8	4.6	
12Q750TJH35	12 (24V)	676-750	T	130	15.0	13.0	6.5		173 (78)
12Q750TLH35	12 (24V)	676-750	T	130		13.0	6.5	5.2	
12Q865TJH35	12 (24V)	751-865	T	150	17.3	15.0	7.5		192 (87)
12Q865TLH35	12 (24V)	751-865	T	150		15.0	7.5	6.0	
12Q970TJH35	12 (24V)	866-970	T	165	19.0	16.5	8.3		203 (92)
12Q970TLH35	12 (24V)	866-970	T	165		16.5	8.3	6.6	
12Q1050TJH35	12 (24V)	971-1050	T	180	20.8	18.0	9.0		214 (97)
12Q1050TLH35	12 (24V)	971-1050	T	180		18.0	9.0	7.2	
12Q1200TJH35	12 (24V)	1051-1200	T	210	24.2	21.0	10.5		227 (103)
12Q1200TLH35	12 (24V)	1051-1200	T	210		21.0	10.5	8.4	
12Q1410TJH35	12 (24V)	1201-1410	T	240	27.7	24.0	12.0		242 (110)
12Q1410TLH35	12 (24V)	1201-1410	T	240		24.0	12.0	9.6	
12Q1580TJH35	12 (24V)	1411-1580	T	270	31.2	27.0	13.5		249 (113)
12Q1580TLH35	12 (24V)	1411-1580	T	270		27.0	13.5	10.8	
18Q260TJH35	18 (36V)	176-260	T	45	7.8	6.8	3.4		150 (68)
18Q260TLH35	18 (36V)	176-260	T	45		6.8	3.4	2.7	
18Q380TJH35	18 (36V)	261-380	T	65	11.3	9.8	4.9		160 (73)
18Q380TLH35	18 (36V)	261-380	T	65		9.8	4.9	3.9	
18Q440TJH35	18 (36V)	381-440	T	80	13.8	12.0	6.0		165 (75)
18Q440TLH35	18 (36V)	381-440	T	80		12.0	6.0	4.8	
18Q510TJH35	18 (36V)	441-510	T	90	15.6	13.5	6.8		173 (78)
18Q510TLH35	18 (36V)	441-510	T	90		13.5	6.8	5.4	
18Q600TJH35	18 (36V)	511-600	T	105	18.2	15.8	7.9		192 (87)
18Q600TLH35	18 (36V)	511-600	T	105		15.8	7.9	6.3	
18Q675TJH35	18 (36V)	601-675	T	115	19.9	17.3	8.6		215 (98)
18Q675TLH35	18 (36V)	601-675	T	115		17.3	8.6	6.9	
18Q750TJH35	18 (36V)	676-750	T	130	22.5	19.5	9.8		225 (102)
18Q750TLH35	18 (36V)	676-750	T	130		19.5	9.8	7.8	
18Q865TJH35	18 (36V)	751-865	T	150	26.0	22.5	11.3		235 (107)
18Q865TLH35	18 (36V)	866-865	T	150		22.5	11.3	9.0	
18Q970TJH35	18 (36V)	866-970	T	165	28.6	24.8	12.4		245 (111)
18Q970TLH35	18 (36V)	866-970	T	165		24.8	12.4	9.9	

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SERIES 100Q – QUANTUM II

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INDUSTRIAL BATTERY CHARGERS

THREE (T) PHASE, 60 HZ

NEW 070606

MODEL	CELL	AMP HR	PHASE	DC AMPS	AC INPUT AMPS				SHIP WT.
	(VOLTAGE)	VOLTAGE			208	240	480	600	LBS (KG)
18Q1050TJH35	18 (36V)	971-1050	T	180	31.2	27.0	13.5		260 (118)
18Q1050TLH35	18 (36V)	971-1050	T	180		27.0	13.5	10.8	
18Q1200TJH35	18 (36V)	1051-1200	T	210	36.3	31.5	15.8		295 (134)
18Q1200TLH35	18 (36V)	1051-1200	T	210		31.5	15.8	12.6	
18Q1410TJH35	18 (36V)	1201-1410	T	240	41.5	36.0	18.0		315 (143)
18Q1410TLH35	18 (36V)	1201-1410	T	240		36.0	18.0	14.4	
18Q1580TLH35	18 (36V)	1411-1580	T	270		40.5	20.3	16.2	330(150)
24Q380TJH35	24 (48V)	261-380	T	65	15	13.0	6.5		183 (83)
24Q380TLH35	24 (48V)	261-380	T	65		13.0	6.5	5.2	
24Q440TJH35	24 (48V)	381-440	T	80	18.5	16.0	8.0		196 (89)
24Q440TLH35	24 (48V)	381-440	T	80		16.0	8.0	6.4	
24Q510TJH35	24 (48V)	441-510	T	90	20.8	18.0	9.0		209 (95)
24Q510TLH35	24 (48V)	411-510	T	90		18.0	9.0	7.2	
24Q600TJH35	24 (48V)	511-600	T	105	24.2	21.0	10.5		223 (101)
24Q600TLH35	24 (48V)	511-600	T	105		21.0	10.5	8.4	
24Q750TJH35	24 (48V)	601-750	T	130	30	26.0	13.0		241 (109)
24Q750TLH35	24 (48V)	601-750	T	130		26.0	13.0	10.4	
24Q865TJH35	24 (48V)	751-865	T	150	34.6	30.0	15.0		259 (117)
24Q865TLH35	24 (48V)	751-865	T	150		30.0	15.0	12.0	
24Q970TJH35	24 (48V)	866-970	T	165	38.1	33.0	16.5		265 (120)
24Q970TLH35	24 (48V)	866-970	T	165		33.0	16.5	13.2	
24Q1050TJH35	24 (48V)	971-1050	T	180	41.5	36.0	18.0		277 (126)
24Q1050TLH35	24 (48V)	971-1050	T	180		36.0	18.0	14.4	
24Q1200TLH35	24 (48V)	1051-1200	T	210		42.0	21.0	16.8	301 (137)
24Q1410TRH35	24 (48V)	1201-1410	T	240			24.0	19.2	332 (151)
36Q260TJH35	36 (72V)	176-260	T	45	15.6	13.5	6.8		205 (93)
36Q260TLH35	36 (72V)	176-260	T	45		13.5	6.8	5.4	
36Q380TJH35	36 (72V)	261-380	T	65	22.5	19.5	9.8		216 (98)
36Q380TLH35	36 (72V)	261-380	T	65		19.5	9.8	7.8	
36Q510TJH35	36 (72V)	381-510	T	90	31.2	27.0	13.5		242 (110)
36Q510TLH35	36 (72V)	381-510	T	90		27.0	13.5	10.8	
36Q600TJH35	36 (72V)	511-600	T	105	36.3	31.5	15.8		256 (116)
36Q600TLH35	36 (72V)	511-600	T	105		31.5	15.8	12.6	

MOTOR
APPLIANCE
CORPORATION

555 SPIRIT OF ST. LOUIS BLVD
ST. LOUIS, MO 63005
636-532-3406
636-532-4609 – Fax
1-800-622-3406



SERIES 100Q – QUANTUM II

DATA SHEET

INDUSTRIAL BATTERY CHARGERS

THREE (T) PHASE, 60 HZ

NEW 070606

MODEL	CELL	AMP HR	PHASE	DC	AC INPUT AMPS				SHIP WT.
	(VOLTAGE)	VOLTAGE		AMPS	208	240	480	600	LBS (KG)
36Q865TRJ35	36 (72V)	601-865	T	150			22.5	18.0	300 (136)
40Q380TJH35	40 (80V)	261-380	T	65	25.0	21.7	10.8		230 (104)
40Q380TLH35	40 (80V)	261-380	T	65		21.7	10.8	8.7	
40Q510TJH35	40 (80V)	381-510	T	90	34.6	30.0	15.0		261 (118)
40Q510TLH35	40 (80V)	381-510	T	90		30.0	15.0	12.0	
40Q750TRH35	40 (80V)	511-750	T	130			21.7	17.3	280 (127)

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MODEL DESIGNATION

EXAMPLE: 40 Q 750 T R H 35

40 = Number of Cells
T = Three Phase

Q = Quantum Brand Name
R = AC Input Voltage
35 = Charger Control

750 = AMP Hour Capacity
H = Cabinet

AC INPUT
VOLTAGE CODES

J = 208/240/480 - 60 HZ
L = 240/480/600 - 60 HZ
R = 480/600 - 60 HZ

CABINET INFORMATION

CODE HEIGHT WIDTH DEPTH

H = 25.06" 27.16"
J = 32.00" 32.50"