

INDUSTRIAL BATTERY CHARGER DATA SHEET



SERIES 100Q - QUANTUM

MAC-401-21DS

REV - 0502

Replaces 1100

MODEL NUMBER	AMP HR RANGE	DC AMPS	AC INPUT AMPS				PH	APPROX. SHIP WT	
			120V	208V	240V	480V		LBS.	KG
6 CELL									
6Q450A	381-450	75	13.0	7.5	6.5		1	85	39
6Q450B	381-450	75		7.5	6.5	3.3	1	95	43
6Q540A	451-540	90	16.0	9.0	8.0		1	112	51
6Q540B	451-540	90		9.0	8.0	4.0	1	155	70
6Q540C	451-540	90		5.2	4.5	2.3	3	235	107
6Q600B	541-600	105		10.5	9.0	4.5	1	165	75
6Q600C	541-600	105		6.0	5.3	2.6	3	249	113
6Q725B	601-725	120		12.0	11.0	5.5	1	175	79
6Q725C	601-725	120		7.0	6.0	3.0	3	260	118
6Q875B	726-875	150		15.0	13.0	6.5	1	210	95
6Q875C	726-875	150		8.7	7.5	3.8	3	285	129
6Q1050C	876-1050	180		10.4	9.0	4.5	3	310	141
6Q1200C	1051-1200	210		12.0	11.0	5.5	3	330	150
6Q1450C	1201-1450	240		14.0	12.0	6.0	3	340	154
12 CELL									
12Q235A	181-235	40	14.4	8.3	7.2		1	85	39
12Q235B	181-235	40		8.3	7.2	3.6	1	85	39
12Q380B	236-380	65		13.0	11.3	5.7	1	90	41
12Q450B	381-450	75		15.0	13.0	6.5	1	105	48
12Q450C	381-450	75		10.0	9.0	4.5	3	190	86
12Q540B	451-540	90		18.0	16.0	8.0	1	155	70
12Q540C	451-540	90		10.0	9.0	4.5	3	240	109
12Q600B	541-600	105		21.0	18.0	9.0	1	173	79
12Q600C	541-600	105		12.0	10.5	5.3	3	260	118
12Q725B	601-725	120		24.0	21.0	10.5	1	190	86
12Q725C	601-725	120		13.8	12.0	6.0	3	280	127
12Q875B	726-875	150		30.0	26.0	13.0	1	205	93
12Q875C	726-875	150		17.3	15.0	7.5	3	305	138
12Q1050C	876-1050	180		21.0	18.0	9.0	3	340	154
12Q1200C	1051-1200	210		24.0	21.0	10.5	3	360	163
12Q1450C	1201-1450	240		28.0	24.0	12.0	3	385	175
18 CELL									
18Q235B	181-235	40		12.0	10.4	5.2	1	90	41
18Q450B	381-450	75		22.5	18.5	9.8	1	120	54
18Q450C	381-450	75		13.0	11.2	5.6	3	245	111
18Q540B	451-540	90		27.0	23.4	11.7	1	165	75
18Q540C	451-540	90		15.6	13.5	6.8	3	275	125
18Q600B	541-600	105		31.5	27.3	16.6	1	180	82
18Q600C	541-600	105		18.2	16.0	8.0	3	290	132
18Q725B	601-725	120		36.0	31.2	15.6	1	240	108
18Q725C	601-725	120		20.8	18.0	9.0	3	305	138
18Q875C	726-875	150		26.0	22.5	11.3	3	330	150
18Q970C	876-970	165		28.6	24.8	12.4	3	347	157
18Q1050C	971-1050	180		31.2	27.0	13.5	3	365	166
18Q1200C	1051-1200	210		36.4	31.5	15.8	3	380	173
18Q1450C	1201-1450	240		41.5	36.0	18.0	3	405	184

SERIES 100Q - QUANTUM

DATA SHEET

MODEL NUMBER	AMP HR RANGE	DC AMPS	AC INPUT AMPS					APPROX. SHIP WT.		
			120V	208V	240V	480V	575V	PH	LBS.	KG.
			24 CELL							
24Q235B	181-235	40	16.0	13.9	7.0			1	145	66
24Q450B	381-450	75	30.0	26.0	13.0			1	165	75
24Q450C	381-450	75	17.3	15.0	7.5			3	275	125
24Q600C	451-600	105	24.2	21.0	10.5			3	300	136
24Q725C	601-725	120	27.7	24.0	12.0			3	325	148
24Q875C	726-875	150	34.6	30.0	15.0			3	360	163
24Q1050C	876-1050	180	41.6	36.0	18.0			3	450	204
24Q1200C	1051-1200	210	48.5	42.0	21.0			3	425	193
24Q1450C	1201-1450	240			24.0	20.0			450	204
36 CELL										
36Q235C	181-235	40	13.9	12.0	6.0			3	295	134
36Q380C	236-380	65	22.5	19.5	9.8			3	320	145
36Q450C	381-450	75	26.0	22.5	11.3			3	320	145
36Q600C	451-600	105	37.4	32.5	15.8			3	345	157
36Q725C	601-725	120	41.5	36.0	18.0			3	370	168
36Q875C	726-875	150			22.5	18.8		3	410	186
36Q1050D	876-1050	180			27.0	22.5		3	440	200

CASE DIMENSIONS:

Case	Width		Depth		Height	
A	13 3/4 in	349 mm	14 in	355 mm	22 3/4 in	578 mm
B	20 3/8 in	517 mm	21 7/8 in	555 mm	26 1/2 in	673 mm
C	26 3/4 in	679 mm	24 1/2 in	622 mm	30 in	762 mm

AUTO START/STOP CONTROLS

2200 dv/dt microprocessor control with five status lights, equalize and interrupt stop buttons.

3400 dv/dt and di/dt microprocessor control with four status lights, digital display, equalize and stop buttons. Other features include delayed start, adjustable 80% voltage point, back-up timers, battery/charger mismatch protection, low battery override, auto refresh, ac power fail recovery, ampere hours returned, cool down timer and a temperature compensation option.

FOR ACCESSORIES REFER TO THE OPTIONS SHEET