

Motor
Appliance
Corporation

Washington MO 63090
636-231-6100
636-239-5652 FAX



PHANTOM SERIES 1400
INDUSTRIAL BATTERY CHARGER
DATA SHEET

SINGLE PHASE

MAC 1400 DS
REV070111
Page 1 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 120 | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|-----|--------|
| 6P540SHF-22 | 6 | 12 | 75 | 540 | 451-540 | 12 | 7 | 6 | | | 110 |
| 6P540SJF-22 | 6 | 12 | 75 | 540 | 451-540 | | 7 | 6 | 3 | | 110 |
| 6P540SLF-22 | 6 | 12 | 75 | 540 | 451-540 | | | 6 | 3 | 3 | 110 |
| 6P600SHF-22 | 6 | 12 | 90 | 600 | 541-600 | 15 | 9 | 8 | | | 115 |
| 6P600SJF-22 | 6 | 12 | 90 | 600 | 541-600 | | 9 | 8 | 4 | | 115 |
| 6P600SLF-22 | 6 | 12 | 90 | 600 | 541-600 | | | 8 | 4 | 3 | 115 |
| 6P680SJF-22 | 6 | 12 | 100 | 680 | 601-680 | 16 | 10 | 8 | | | 120 |
| 6P680SLF-22 | 6 | 12 | 100 | 680 | 601-680 | | 10 | 8 | 4 | | 120 |
| 12P325SHF-22 | 12 | 24 | 45 | 325 | 226-325 | 15 | 9 | 8 | | | 105 |
| 12P325SJF-22 | 12 | 24 | 45 | 325 | 226-325 | | 9 | 8 | 4 | | 105 |
| 12P325SLF-22 | 12 | 24 | 45 | 325 | 226-325 | | | 8 | 4 | 3 | 105 |
| 12P450SHF-22 | 12 | 24 | 65 | 450 | 326-450 | 21 | 12 | 11 | | | 115 |
| 12P450SJF-22 | 12 | 24 | 65 | 450 | 326-450 | | 12 | 11 | 6 | | 115 |
| 12P450SLF-22 | 12 | 24 | 65 | 450 | 326-450 | | | 11 | 6 | 5 | 115 |
| 12P540SJF-22 | 12 | 24 | 75 | 540 | 451-540 | | 14 | 12 | 6 | | 120 |
| 12P540SLF-22 | 12 | 24 | 75 | 540 | 451-540 | | | 12 | 6 | 5 | 120 |
| 12P600SJF-22 | 12 | 24 | 90 | 600 | 541-600 | | 17 | 15 | 8 | | 125 |
| 12P600SLF-22 | 12 | 24 | 90 | 600 | 541-600 | | | 15 | 8 | 6 | 125 |
| 12P680SJG-22 | 12 | 24 | 100 | 680 | 601-680 | | 19 | 16 | 8 | | 130 |
| 12P680SLG-22 | 12 | 24 | 100 | 680 | 601-680 | | | 16 | 8 | 7 | 130 |
| 12P750SJG-22 | 12 | 24 | 110 | 750 | 681-750 | | 21 | 18 | 9 | | 135 |
| 12P750SLG-22 | 12 | 24 | 110 | 750 | 681-750 | | | 18 | 9 | 7 | 135 |
| 12P865SJG-22 | 12 | 24 | 120 | 865 | 751-865 | | 23 | 20 | 10 | | 155 |
| 12P865SLG-22 | 12 | 24 | 120 | 865 | 751-865 | | | 20 | 10 | 8 | 155 |
| 12P1050SJG-22 | 12 | 24 | 140 | 1050 | 866-1050 | | 26 | 23 | 12 | | 170 |
| 12P1050SLG-22 | 12 | 24 | 140 | 1050 | 866-1050 | | | 23 | 12 | 9 | 170 |

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DATA SHEET

MAC 1400 DS
REV070111
Page 2 of 2

SINGLE PHASE

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 120 | 208 | 240 | 480 | 600 | WT LBS | List Price |
|--------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|-----|--------|------------|
| 18P540SJG-22 | 18 | 36 | 75 | 540 | 451-540 | | 21 | 19 | 9 | | 135 | 2149 |
| 18P540SLG-22 | 18 | 36 | 75 | 540 | 451-540 | | | 19 | 9 | 7 | 135 | 2149 |
| 18P600SJG-22 | 18 | 36 | 90 | 600 | 541-600 | | 26 | 22 | 11 | | 155 | 2264 |
| 18P600SLG-22 | 18 | 36 | 90 | 600 | 541-600 | | | 22 | 11 | 9 | 155 | 2264 |
| 18P680SJG-22 | 18 | 36 | 100 | 680 | 601-680 | | 28 | 25 | 12 | | 175 | 2416 |
| 18P680SLG-22 | 18 | 36 | 100 | 680 | 601-680 | | | 26 | 12 | 10 | 175 | 2416 |
| 18P750SJG-22 | 18 | 36 | 110 | 750 | 681-750 | | 31 | 27 | 14 | | 180 | 2678 |
| 18P750SLG-22 | 18 | 36 | 110 | 750 | 681-750 | | | 27 | 14 | 11 | 180 | 2678 |
| 18P865SJG-22 | 18 | 36 | 120 | 865 | 751-865 | | 34 | 30 | 15 | | 190 | 2786 |
| 18P865SLG-22 | 18 | 36 | 120 | 865 | 751-865 | | | 30 | 15 | 12 | 190 | 2786 |
| 24P540SJG-22 | 24 | 48 | 75 | 540 | 451-540 | | 29 | 25 | 13 | | 175 | 2819 |
| 24P540SLG-22 | 24 | 48 | 75 | 540 | 451-540 | | | 25 | 13 | 10 | 175 | 2819 |
| 24P600SJG-22 | 24 | 48 | 90 | 600 | 541-600 | | 34 | 30 | 15 | | 185 | 2850 |
| 24P600SLG-22 | 24 | 48 | 90 | 600 | 541-600 | | | 30 | 15 | 12 | 185 | 2850 |
| 24P680SJG-22 | 24 | 48 | 100 | 680 | 601-680 | | 38 | 33 | 16 | | 205 | 2934 |
| 24P680SLG-22 | 24 | 48 | 100 | 680 | 601-680 | | | 33 | 16 | 13 | 205 | 2934 |

MODEL DESIGNATION

Example: 24 P 680 S J G - 22

24 = Number of Cells
S = Single Phase
22 - 2200 Control

P = Phantom 1400
J = Input Voltage Configuration

680 = Amp Hours
G = Housing

AC INPUT

VOLTAGE CODES
H - 120/208/240
J = 208/240/480
L = 240/480/600

CABINET INFORMATION

| CODE | HEIGHT | WIDTH | DEPTH |
|------|--------|-------|-------|
| F = | 22.62 | 14.16 | 14.14 |
| G = | 25.05 | 20.19 | 21.48 |

PRICES SUBJECT TO CHANGE WITHOUT NOTICE **CONFIDENTIAL**

FOR ACCESSORIES REFER TO THE OPTION SHEET PRICE F.O.B. BLYTHEVILLE ARKANSAS 72315
TERMS NET 30 DAYS

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PHANTOM SERIES 1400

INDUSTRIAL BATTERY CHARGER
DATA SHEET

THREE PHASE

MAC 1400 DS
REV070111
Page 1 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 6P540TJG-22 | 6 | 12 | 75 | 540 | 451-540 | 4 | 4 | 2 | | 155 |
| 6P540TLG-22 | 6 | 12 | 75 | 540 | 451-540 | | 4 | 2 | 2 | 155 |
| 6P600TJG-22 | 6 | 12 | 90 | 600 | 541-600 | 5 | 5 | 2 | | 165 |
| 6P600TLG-22 | 6 | 12 | 90 | 600 | 541-600 | | 5 | 2 | 2 | 165 |
| 6P680TJG-22 | 6 | 12 | 100 | 680 | 601-680 | 6 | 5 | 3 | | 180 |
| 6P680TLG-22 | 6 | 12 | 100 | 680 | 601-680 | | 5 | 3 | 2 | 180 |
| 6P750TJG-22 | 6 | 12 | 110 | 750 | 681-750 | 6 | 6 | 3 | | 190 |
| 6P750TLG-22 | 6 | 12 | 110 | 750 | 681-750 | | 6 | 3 | 1 | 190 |
| 6P865TLG-22 | 6 | 12 | 120 | 865 | 751-865 | 7 | 6 | 3 | | 200 |
| 6P865TLG-22 | 6 | 12 | 120 | 865 | 751-865 | | 6 | 3 | 2 | 200 |
| 12P540TJG-22 | 12 | 24 | 75 | 540 | 451-540 | 9 | 8 | 4 | | 170 |
| 12P540TLG-22 | 12 | 24 | 75 | 540 | 451-540 | | 8 | 4 | 3 | 170 |
| 12P600TJG-22 | 12 | 24 | 90 | 600 | 541-600 | 10 | 9 | 5 | | 180 |
| 12P600TLG-22 | 12 | 24 | 90 | 600 | 541-600 | | 9 | 5 | 4 | 180 |
| 12P680TJG-22 | 12 | 24 | 100 | 680 | 601-680 | 12 | 10 | 5 | | 190 |
| 12P680TLG-22 | 12 | 24 | 100 | 680 | 601-680 | | 10 | 5 | 4 | 190 |
| 12P750TJG-22 | 12 | 24 | 110 | 750 | 681-750 | 13 | 11 | 6 | | 205 |
| 12P750TLG-22 | 12 | 24 | 110 | 750 | 681-750 | | 11 | 6 | 4 | 205 |
| 12P865TJG-22 | 12 | 24 | 120 | 865 | 751-865 | 14 | 12 | 6 | | 215 |
| 12P865TLG-22 | 12 | 24 | 120 | 865 | 751-865 | | 12 | 6 | 5 | 215 |
| 12P1050TJG-22 | 12 | 24 | 140 | 1050 | 866-1050 | 16 | 14 | 7 | | 225 |
| 12P1050TLG-22 | 12 | 24 | 140 | 1050 | 866-1050 | | 14 | 7 | 6 | 225 |
| 12P1100TJG-22 | 12 | 24 | 160 | 1100 | 966-1100 | 19 | 16 | 8 | | 245 |
| 12P1100TLG-22 | 12 | 24 | 160 | 1100 | 966-1100 | | 16 | 8 | 7 | 245 |
| 12P1200TJH-22 | 12 | 24 | 170 | 1200 | 1101-1200 | 20 | 17 | 9 | | 260 |
| 12P1200TLH-22 | 12 | 24 | 170 | 1200 | 1101-1200 | | 17 | 9 | 7 | 260 |
| 12P1425TJG-22 | 12 | 24 | 200 | 1425 | 1201-1425 | 23 | 20 | 10 | | 280 |
| 12P1425TLH-22 | 12 | 24 | 200 | 1425 | 1201-1425 | | 20 | 10 | 8 | 280 |
| 18P540TJG-22 | 18 | 36 | 75 | 540 | 451-540 | 13 | 11 | 6 | | 205 |
| 18P540TLG-22 | 18 | 36 | 75 | 540 | 451-540 | | 11 | 6 | 5 | 205 |
| 18P600TJG-22 | 18 | 36 | 90 | 600 | 541-600 | 16 | 14 | 7 | | 215 |
| 18P600TLG-22 | 18 | 36 | 90 | 600 | 541-600 | | 14 | 7 | 5 | 215 |
| 18P680TJG-22 | 18 | 36 | 100 | 680 | 601-680 | 17 | 15 | 8 | | 225 |
| 18P680TLG-22 | 18 | 36 | 100 | 680 | 601-680 | | 15 | 8 | 6 | 225 |
| 18P750TJG-22 | 18 | 36 | 110 | 750 | 681-750 | 19 | 17 | 8 | | 235 |

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PHANTOM SERIES 1400

MAC 1400 DS

INDUSTRIAL BATTERY CHARGER

THREE PHASE

REV070111

DATA SHEET

Page 2 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 18P750TLG-22 | 18 | 36 | 110 | 750 | 681-750 | | 17 | 8 | 7 | 235 |
| 18P865TJG-22 | 18 | 36 | 120 | 865 | 751-865 | 21 | 18 | 9 | | 245 |
| 18P865TLG-22 | 18 | 36 | 120 | 865 | 751-865 | | 18 | 9 | 7 | 245 |
| 18P1050TJG-22 | 18 | 36 | 140 | 1050 | 866-1050 | 24 | 21 | 11 | | 260 |
| 18P1050TLG-22 | 18 | 36 | 140 | 1050 | 866-1050 | | 21 | 11 | 8 | 260 |
| 18P1100TJG-22 | 18 | 36 | 160 | 1100 | 966-1100 | 28 | 24 | 12 | | 275 |
| 18P1100TLG-22 | 18 | 36 | 160 | 1100 | 966-1100 | | 24 | 12 | 10 | 275 |
| 18P1200TJH-22 | 18 | 36 | 170 | 1200 | 1101-1200 | 30 | 26 | 13 | | 295 |
| 18P1200TLH-22 | 18 | 36 | 170 | 1200 | 1101-1200 | | 26 | 13 | 10 | 295 |
| 18P1425TJH-22 | 18 | 36 | 200 | 1425 | 1201-1425 | 35 | 30 | 15 | | 315 |
| 18P1425TLH-22 | 18 | 36 | 200 | 1425 | 1201-1425 | | 30 | 15 | 12 | 315 |
| 24P540TJG-22 | 24 | 48 | 75 | 540 | 451-540 | 17 | 15 | 8 | | 235 |
| 24P540TLG-22 | 24 | 48 | 75 | 540 | 451-540 | | 15 | 8 | 6 | 235 |
| 24P600TJG-22 | 24 | 48 | 90 | 600 | 541-600 | 21 | 18 | 9 | | 260 |
| 24P600TLG-22 | 24 | 48 | 90 | 600 | 541-600 | | 18 | 9 | 7 | 260 |
| 24P680TJG-22 | 24 | 48 | 100 | 680 | 601-680 | 23 | 20 | 10 | | 280 |
| 24P680TLG-22 | 24 | 48 | 100 | 680 | 601-680 | | 20 | 10 | 8 | 280 |
| 24P750TJG-22 | 24 | 48 | 110 | 750 | 681-750 | 25 | 22 | 11 | | 290 |
| 24P750TLG-22 | 24 | 48 | 110 | 750 | 681-750 | | 22 | 11 | 9 | 290 |
| 24P865TJG-22 | 24 | 48 | 120 | 865 | 751-865 | 28 | 24 | 12 | | 300 |
| 24P865TLG-22 | 24 | 48 | 120 | 865 | 751-865 | | 24 | 12 | 10 | 300 |
| 24P1050TJG-22 | 24 | 48 | 140 | 1050 | 866-1050 | 32 | 28 | 14 | | 330 |
| 24P1050TLG-22 | 24 | 48 | 140 | 1050 | 866-1050 | | 28 | 14 | 11 | 330 |

MODEL DESIGNATION

Example: 24 P 680 T J G - 22

24 = Number of Cells

P = Phantom 1400

680 = Amp Hours

T = Three Phase

J = Input Voltage Configuration

G = Housing

22 - 2200 Control

AC INPUT

CABINET INFORMATION

VOLTAGE CODES

CODE HEIGHT WIDTH DEPTH

J = 208/240/480

G = 25.05 21.48 21.48

L = 240/480/600

H = 25.05 24.24 24.24

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PHANTOM SERIES 1600
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 1600 DS
REV070111
Page 1 of 2

SINGLE PHASE

| MODEL | CELLS | DC | | Amp | | | | | | WT | |
|--------------|-------|-------|------|------|---------|-----|-----|-----|-----|-----|-----|
| | | VOLTS | AMPS | Hour | Range | 120 | 208 | 240 | 480 | 600 | LBS |
| 6F450SHF-22 | 6 | 12 | 75 | 450 | 326-450 | 12 | 7 | 6 | | | 110 |
| 6F450SJF-22 | 6 | 12 | 75 | 450 | 326-450 | | 7 | 6 | 3 | | 110 |
| 6F450SLF-22 | 6 | 12 | 75 | 450 | 326-450 | | | 6 | 3 | 3 | 110 |
| 6F540SHF-22 | 6 | 12 | 90 | 540 | 451-540 | 15 | 9 | 8 | | | 115 |
| 6F540SJF-22 | 6 | 12 | 90 | 540 | 451-540 | | 9 | 8 | 4 | | 115 |
| 6F540SLF-22 | 6 | 12 | 90 | 540 | 451-540 | | | 8 | 4 | 3 | 115 |
| 6F600SJF-22 | 6 | 12 | 100 | 600 | 541-600 | 16 | 10 | 8 | | | 120 |
| 6F600SLF-22 | 6 | 12 | 100 | 600 | 541-600 | | 10 | 8 | 4 | | 120 |
| 12F280SHF-22 | 12 | 24 | 45 | 280 | 181-280 | 15 | 9 | 8 | | | 105 |
| 12F280SJF-22 | 12 | 24 | 45 | 280 | 181-280 | | 9 | 8 | 4 | | 105 |
| 12F280SLF-22 | 12 | 24 | 45 | 280 | 181-280 | | | 8 | 4 | 3 | 105 |
| 12F410SHF-22 | 12 | 24 | 65 | 410 | 281-410 | 21 | 12 | 11 | | | 115 |
| 12F410SJF-22 | 12 | 24 | 65 | 410 | 281-410 | | 12 | 11 | 6 | | 115 |
| 12F410SLF-22 | 12 | 24 | 65 | 410 | 281-410 | | | 11 | 6 | 5 | 115 |
| 12F450SJF-22 | 12 | 24 | 75 | 450 | 326-450 | | 14 | 12 | 6 | | 120 |
| 12F450SLF-22 | 12 | 24 | 75 | 450 | 326-450 | | | 12 | 6 | 5 | 120 |
| 12F540SJF-22 | 12 | 24 | 90 | 540 | 451-540 | | 17 | 15 | 8 | | 125 |
| 12F540SLF-22 | 12 | 24 | 90 | 540 | 451-540 | | | 15 | 8 | 6 | 125 |
| 12F600SJG-22 | 12 | 24 | 100 | 600 | 541-600 | | 19 | 16 | 8 | | 130 |
| 12F600SLG-22 | 12 | 24 | 100 | 600 | 541-600 | | | 16 | 8 | 7 | 130 |
| 12F680SJG-22 | 12 | 24 | 110 | 680 | 601-680 | | 21 | 18 | 9 | | 135 |
| 12F680SLG-22 | 12 | 24 | 110 | 680 | 601-680 | | | 18 | 9 | 7 | 135 |
| 12F750SJG-22 | 12 | 24 | 120 | 750 | 681-750 | | 23 | 20 | 10 | | 155 |
| 12F750SLG-22 | 12 | 24 | 120 | 750 | 681-750 | | | 20 | 10 | 8 | 155 |
| 12F865SJG-22 | 12 | 24 | 140 | 865 | 751-865 | | 26 | 23 | 12 | | 170 |
| 12F865SLG-22 | 12 | 24 | 140 | 865 | 751-865 | | | 23 | 12 | 9 | 170 |
| 18F450SJG-22 | 18 | 36 | 75 | 450 | 326-450 | | 21 | 19 | 9 | | 135 |
| 18F450SLG-22 | 18 | 36 | 75 | 450 | 326-450 | | | 19 | 9 | 7 | 135 |
| 18F540SJG-22 | 18 | 36 | 90 | 540 | 451-540 | | 26 | 22 | 11 | | 155 |
| 18F540SLG-22 | 18 | 36 | 90 | 540 | 451-540 | | | 22 | 11 | 9 | 155 |
| 18F600SJG-22 | 18 | 36 | 100 | 600 | 541-600 | | 28 | 25 | 12 | | 175 |
| 18F600SLG-22 | 18 | 36 | 100 | 600 | 541-600 | | | 25 | 12 | 10 | 175 |

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PHANTOM SERIES 1600
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 1600 DS
REV070111
Page 2 of 2

SINGLE PHASE

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 120 | 208 | 240 | 480 | 600 | WT LBS |
|--------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|-----|--------|
| 18F680SJG-22 | 18 | 36 | 110 | 680 | 601-680 | | 31 | 27 | 14 | | 180 |
| 18F680SLG-22 | 18 | 36 | 110 | 680 | 601-680 | | | 27 | 14 | 11 | 180 |
| 18F750SJG-22 | 18 | 36 | 120 | 750 | 681-750 | | 34 | 30 | 15 | | 190 |
| 18Q750SLG-22 | 18 | 36 | 120 | 750 | 681-750 | | | 30 | 15 | 12 | 190 |
| 24F450SJG-22 | 24 | 48 | 75 | 450 | 326-450 | 29 | 25 | 13 | | | 175 |
| 24F540SJG-22 | 24 | 48 | 75 | 540 | 451-540 | | | 25 | 13 | 10 | 175 |
| 24F540SJG-22 | 24 | 48 | 90 | 540 | 451-540 | 34 | 30 | 15 | | | 185 |
| 24F540SLG-22 | 24 | 48 | 90 | 540 | 451-540 | | | 30 | 15 | 12 | 185 |
| 24F600SJG-22 | 24 | 48 | 100 | 600 | 541-600 | 38 | 33 | 16 | | | 205 |
| 24F600SLG-22 | 24 | 48 | 100 | 600 | 541-600 | | | 33 | 16 | 13 | 205 |

MODEL DESIGNATION

Example: 24 F 680 S J G - 22

24 = Number of Cells F = Phantom 1600 680 = Amp Hours
S = Single Phase J = Input Voltage Configuration G = Housing
22 - 2200 Control

AC INPUT

VOLTAGE CODES

H - 120/208/240
J = 208/240/480
L = 240/480/600

CABINET INFORMATION

CODE HEIGHT WIDTH DEPTH

F = 22.62 14.16 14.14
G = 25.05 20.19 21.48

PRICES SUBJECT TO CHANGE WITHOUT NOTICE **CONFIDENTIAL**

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TERMS NET 30 DAYS

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PHANTOM SERIES 1600

INDUSTRIAL BATTERY CHARGER
DATA SHEET

THREE PHASE

MAC 1600 DS
REV070111
Page 1 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 6F450TJG-22 | 6 | 12 | 75 | 450 | 326-450 | 4 | 4 | 2 | | 155 |
| 6F450TLG-22 | 6 | 12 | 75 | 450 | 326-450 | | 4 | 2 | 2 | 155 |
| 6F540TJG-22 | 6 | 12 | 90 | 540 | 451-540 | 5 | 5 | 2 | | 165 |
| 6F540TLG-22 | 6 | 12 | 90 | 540 | 451-540 | | 5 | 2 | 2 | 165 |
| 6F600TJG-22 | 6 | 12 | 100 | 600 | 541-600 | 6 | 5 | 3 | | 180 |
| 6F600TLG-22 | 6 | 12 | 100 | 600 | 541-600 | | 5 | 3 | 2 | 180 |
| 6F680TJG-22 | 6 | 12 | 110 | 680 | 601-680 | 6 | 6 | 3 | | 190 |
| 6F680TLG-22 | 6 | 12 | 110 | 680 | 601-680 | | 6 | 3 | 2 | 190 |
| 6F750TJG-22 | 6 | 12 | 120 | 750 | 681-750 | 7 | 6 | 3 | | 200 |
| 6F750TLG-22 | 6 | 12 | 120 | 750 | 681-750 | | 6 | 3 | 2 | 200 |
| 12F450TJG-22 | 12 | 24 | 75 | 450 | 326-450 | 9 | 8 | 4 | | 170 |
| 12F450TLG-22 | 12 | 24 | 75 | 450 | 326-450 | | 8 | 4 | 3 | 170 |
| 12F540TJG-22 | 12 | 24 | 90 | 540 | 451-540 | 10 | 9 | 5 | | 180 |
| 12F540TLG-22 | 12 | 24 | 90 | 540 | 451-540 | | 9 | 5 | 4 | 180 |
| 12F600TJG-22 | 12 | 24 | 100 | 600 | 541-600 | 12 | 10 | 5 | | 190 |
| 12F600TKG-22 | 12 | 24 | 100 | 600 | 541-600 | | 10 | 5 | 4 | 190 |
| 12F680TJG-22 | 12 | 24 | 110 | 680 | 601-680 | 13 | 11 | 6 | | 205 |
| 12F680TLG-22 | 12 | 24 | 110 | 680 | 601-680 | | 11 | 6 | 4 | 205 |
| 12F750TJG-22 | 12 | 24 | 120 | 750 | 681-750 | 14 | 12 | 6 | | 215 |
| 12F750TLG-22 | 12 | 24 | 120 | 750 | 681-750 | | 12 | 6 | 5 | 215 |
| 12F865TJG-22 | 12 | 24 | 140 | 865 | 751-865 | 16 | 14 | 7 | | 225 |
| 12F865TLG-22 | 12 | 24 | 140 | 865 | 751-865 | | 14 | 7 | 6 | 225 |
| 12F1020TJG-22 | 12 | 24 | 160 | 1020 | 866-1020 | 19 | 16 | 8 | | 245 |
| 12F1020TLG-22 | 12 | 24 | 160 | 1020 | 866-1020 | | 16 | 8 | 7 | 245 |
| 12F1050TJH-22 | 12 | 24 | 170 | 1050 | 966-1050 | 20 | 17 | 9 | | 260 |
| 12F1050TLH-22 | 12 | 24 | 170 | 1050 | 966-1050 | | 17 | 9 | 7 | 260 |
| 12F1250TJH-22 | 12 | 24 | 200 | 1250 | 1051-1250 | 23 | 20 | 10 | | 280 |
| 12F1050TLH-22 | 12 | 24 | 200 | 1250 | 1051-1250 | | 20 | 10 | 8 | 280 |
| 18F450TJG-22 | 18 | 36 | 75 | 450 | 326-450 | 13 | 11 | 6 | | 205 |
| 18F450TLG-22 | 18 | 36 | 75 | 450 | 326-450 | | 11 | 6 | 5 | 205 |
| 15F540TJG-22 | 18 | 36 | 90 | 540 | 451-540 | 16 | 14 | 7 | | 215 |
| 15F540TLG-22 | 18 | 36 | 90 | 540 | 451-540 | | 14 | 7 | 5 | 215 |
| 18F600TJG-22 | 18 | 36 | 100 | 600 | 541-600 | 17 | 15 | 8 | | 225 |
| 18F600TLG-22 | 18 | 36 | 100 | 600 | 541-600 | | 15 | 8 | 6 | 225 |
| 18F680TJG-22 | 18 | 36 | 110 | 680 | 601-680 | 19 | 17 | 8 | | 235 |

Washington MO 63090



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PHANTOM SERIES 1600

MAC 1600 DS

INDUSTRIAL BATTERY CHARGER

THREE PHASE

REV070111

DATA SHEET

Page 2 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 18F680TLG-22 | 18 | 36 | 110 | 680 | 601-680 | | 17 | 8 | 7 | 235 |
| 18F750TJG-22 | 18 | 36 | 120 | 750 | 681-750 | 21 | 18 | 9 | | 245 |
| 18F750TLG-22 | 18 | 36 | 120 | 750 | 681-750 | | 18 | 9 | 7 | 245 |
| 18F865TJG-22 | 18 | 36 | 140 | 865 | 751-865 | 24 | 21 | 11 | | 260 |
| 18F865TLG-22 | 18 | 36 | 140 | 865 | 751-865 | | 21 | 11 | 8 | 260 |
| 18F1020TJG-22 | 18 | 36 | 160 | 1020 | 866-1020 | 28 | 24 | 12 | | 275 |
| 18F1020TLG-22 | 18 | 36 | 160 | 1020 | 866-1020 | | 24 | 12 | 10 | 275 |
| 18F1050TLG-22 | 18 | 36 | 160 | 1050 | 966-1050 | 30 | 26 | 13 | | 295 |
| 18F1050TLH-22 | 18 | 36 | 160 | 1050 | 966-1050 | | 26 | 13 | 10 | 295 |
| 18F1250TJH-22 | 18 | 36 | 170 | 1250 | 1051-1250 | 35 | 30 | 15 | | 315 |
| 18F1250TLH-22 | 18 | 36 | 170 | 1250 | 1051-1250 | | 30 | 15 | 12 | 315 |
| 24F450TJG-22 | 24 | 48 | 75 | 450 | 326-450 | 17 | 15 | 8 | | 235 |
| 24F450TLG-22 | 24 | 48 | 75 | 450 | 326-450 | | 15 | 8 | 6 | 235 |
| 24F540TJG-22 | 24 | 48 | 90 | 540 | 451-540 | 21 | 18 | 9 | | 260 |
| 24F540TLG-22 | 24 | 48 | 90 | 540 | 451-540 | | 18 | 9 | 7 | 260 |
| 24F600TJG-22 | 24 | 48 | 100 | 600 | 541-600 | 23 | 20 | 10 | | 280 |
| 24F600TLG-22 | 24 | 48 | 100 | 600 | 541-600 | | 20 | 10 | 8 | 280 |
| 24F680TJG-22 | 24 | 48 | 110 | 680 | 601-680 | 25 | 22 | 11 | | 290 |
| 24F680TLG-22 | 24 | 48 | 110 | 680 | 601-680 | | 22 | 11 | 9 | 290 |
| 24F750TJG-22 | 24 | 48 | 120 | 750 | 681-750 | 28 | 24 | 12 | | 300 |
| 24F750TLG-22 | 24 | 48 | 120 | 750 | 681-750 | | 24 | 12 | 10 | 300 |
| 24F865TJG-22 | 24 | 48 | 140 | 865 | 751-865 | 32 | 28 | 14 | | 330 |
| 24F865TLG-22 | 24 | 48 | 140 | 865 | 751-865 | | 28 | 14 | 11 | 330 |

MODEL DESIGNATION

Example: 24 F 680 T J G - 22

24 = Number of Cells

F = Phantom 1600

680 = Amp Hours

T = Three Phase

J = Input Voltage Configuration

G = Housing

22 - 2200 Control

AC INPUT

CABINET INFORMATION

VOLTAGE CODES

CODE HEIGHT WIDTH DEPTH

J = 208/240/480

G = 25.05 21.48 21.48

L = 240/480/600

H = 25.05 24.24 24.24

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PHANTOM SERIES 1800
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 1800 DS
REV070111
Page 1 of 2

SINGLE PHASE

| MODEL | CELLS | DC | | Amp Hour | Amp Range | WT | | | | | |
|--------------|-------|-------|------|-------------|--------------|-----|-----|-----|-----|-----|-----|
| | | VOLTS | AMPS | | | 120 | 208 | 240 | 480 | 600 | LBS |
| 6E420SHF-22 | 6 | 12 | 75 | 420 | 361-420 | 12 | 7 | 6 | | | 110 |
| 6E420SJF-22 | 6 | 12 | 75 | 420 | 361-420 | | 7 | 6 | 3 | | 110 |
| 6E420SLF-22 | 6 | 12 | 75 | 420 | 361-420 | | | 6 | 3 | 3 | 110 |
| 6E510SHF-22 | 6 | 12 | 90 | 510 | 421-510 | 15 | 9 | 8 | | | 115 |
| 6E510SJF-22 | 6 | 12 | 90 | 510 | 421-510 | | 9 | 8 | 4 | | 115 |
| 6E510SLF-22 | 6 | 12 | 90 | 510 | 421-510 | | | 8 | 4 | 3 | 115 |
| 6E550SJF-22 | 6 | 12 | 100 | 550 | 511-550 | 16 | 10 | 8 | | | 120 |
| 6E550SLF-22 | 6 | 12 | 100 | 550 | 511-550 | | 10 | 8 | 4 | | 120 |
| 12E250SHF-22 | 12 | 24 | 45 | 250 | 181-250 | 15 | 9 | 8 | | | 105 |
| 12E250SJF-22 | 12 | 24 | 45 | 250 | 181-250 | | 9 | 8 | 4 | | 105 |
| 12E250SLF-22 | 12 | 24 | 45 | 250 | 181-250 | | | 8 | 4 | 3 | 105 |
| 12E360SHF-22 | 12 | 24 | 65 | 360 | 251-360 | 21 | 12 | 11 | | | 115 |
| 12E360SJF-22 | 12 | 24 | 65 | 360 | 251-360 | | 12 | 11 | 6 | | 115 |
| 12E360SLF-22 | 12 | 24 | 65 | 360 | 251-360 | | | 11 | 6 | 5 | 115 |
| 12E420SJF-22 | 12 | 24 | 75 | 420 | 361-420 | | 14 | 12 | 6 | | 120 |
| 12E420SLF-22 | 12 | 24 | 75 | 420 | 361-420 | | | 12 | 6 | 5 | 120 |
| 12E510SJF-22 | 12 | 24 | 90 | 510 | 421-510 | | 17 | 15 | 8 | | 125 |
| 12E510SLF-22 | 12 | 24 | 90 | 510 | 421-510 | | | 15 | 8 | 6 | 125 |
| 12E550SJG-22 | 12 | 24 | 100 | 550 | 511-550 | | 19 | 16 | 8 | | 130 |
| 12E550SLG-22 | 12 | 24 | 100 | 550 | 511-550 | | | 16 | 8 | 7 | 130 |
| 12E600SJG-22 | 12 | 24 | 110 | 600 | 551-600 | | 21 | 18 | 9 | | 135 |
| 12E600SLG-22 | 12 | 24 | 110 | 600 | 551-600 | | | 18 | 9 | 7 | 135 |
| 12E680SJG-22 | 12 | 24 | 120 | 680 | 601-680 | | 23 | 20 | 10 | | 155 |
| 12E680SLG-22 | 12 | 24 | 120 | 680 | 601-680 | | | 20 | 10 | 8 | 155 |
| 12E760SJG-22 | 12 | 24 | 140 | 760 | 681-760 | | 26 | 23 | 12 | | 170 |
| 12E760SLG-22 | 12 | 24 | 140 | 760 | 681-760 | | | 23 | 12 | 9 | 170 |

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PHANTOM SERIES 1800
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 1800 DS
REV070111
Page 2 of 2

SINGLE PHASE

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 120 | 208 | 240 | 480 | 600 | WT LBS |
|--------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|-----|--------|
| 18E420SJG-22 | 18 | 36 | 75 | 420 | 361-420 | | 21 | 19 | 9 | | 135 |
| 18E420SLG-22 | 18 | 36 | 75 | 420 | 361-420 | | | 19 | 9 | 7 | 135 |
| 18E510SJG-22 | 18 | 36 | 90 | 510 | 421-510 | | 26 | 22 | 11 | | 155 |
| 18E510SLG-22 | 18 | 36 | 90 | 510 | 421-510 | | | 22 | 11 | 9 | 155 |
| 18E550SJG-22 | 18 | 36 | 100 | 550 | 511-550 | | 28 | 25 | 12 | | 175 |
| 18E550SLG-22 | 18 | 36 | 100 | 550 | 511-550 | | | 26 | 12 | 10 | 175 |
| 18E600SJG-22 | 18 | 36 | 110 | 600 | 551-600 | | 31 | 27 | 14 | | 180 |
| 18E600SLG-22 | 18 | 36 | 110 | 6600 | 551-600 | | | 27 | 14 | 11 | 180 |
| 18E680SJG-22 | 18 | 36 | 120 | 680 | 601-680 | | 34 | 30 | 15 | | 190 |
| 18E680SLG-22 | 18 | 36 | 120 | 680 | 601-680 | | | 30 | 15 | 12 | 190 |
| 24E420SJG-22 | 24 | 48 | 75 | 420 | 361-420 | | 29 | 25 | 13 | | 175 |
| 24E420SLG-22 | 24 | 48 | 75 | 420 | 361-420 | | | 25 | 13 | 10 | 175 |
| 24E510SJG-22 | 24 | 48 | 90 | 510 | 421-510 | | 34 | 30 | 15 | | 185 |
| 24E510SLG-22 | 24 | 48 | 90 | 510 | 421-510 | | | 30 | 15 | 12 | 185 |
| 24E550SJG-22 | 24 | 48 | 100 | 550 | 511-550 | | 38 | 33 | 16 | | 205 |
| 24E550SLG-22 | 24 | 48 | 100 | 550 | 511-550 | | | 33 | 16 | 13 | 205 |

MODEL DESIGNATION

Example: 24 E 680 S J G - 22

24 = Number of Cells
S = Single Phase
22 - 2200 Control

E = Phantom 1800
J = Input Voltage Configuration

680 = Amp Hours
G = Housing

AC INPUT

VOLTAGE CODES

H - 120/208/240
J = 208/240/480
L = 240/480/600

CABINET INFORMATION

CODE HEIGHT WIDTH DEPTH

F = 22.62 14.16 14.14
G = 25.05 20.19 21.48

PRICES SUBJECT TO CHANGE WITHOUT NOTICE **CONFIDENTIAL**

FOR ACCESSORIES REFER TO THE OPTION SHEET PRICE F.O.B. BLYTHEVILLE ARKANSAS 72315

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PHANTOM SERIES 1800

INDUSTRIAL BATTERY CHARGER
DATA SHEET

THREE PHASE

MAC 1800 DS
REV070111
Page 1 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 6E420TJG-22 | 6 | 12 | 75 | 420 | 361-420 | 4 | 4 | 2 | | 155 |
| 6E420TLG-22 | 6 | 12 | 75 | 420 | 361-420 | | 4 | 2 | 2 | 155 |
| 6E510TJG-22 | 6 | 12 | 90 | 510 | 421-510 | 5 | 5 | 2 | | 165 |
| 6E510TLG-22 | 6 | 12 | 90 | 510 | 421-510 | | 5 | 2 | 2 | 165 |
| 6E550TJG-22 | 6 | 12 | 100 | 550 | 511-550 | 6 | 5 | 3 | | 180 |
| 6E550TLG-22 | 6 | 12 | 100 | 550 | 511-550 | | 5 | 3 | 2 | 180 |
| 6E600TJH-22 | 6 | 12 | 110 | 600 | 551-600 | 6 | 6 | 3 | | 190 |
| 6E600TLG-22 | 6 | 12 | 110 | 600 | 551-600 | | 6 | 3 | 1 | 190 |
| 6E680TJG-22 | 6 | 12 | 120 | 680 | 601-680 | 7 | 6 | 3 | | 200 |
| 6E680TLG-22 | 6 | 12 | 120 | 680 | 601-680 | | 6 | 3 | 2 | 200 |
| 12E420TJG-22 | 12 | 24 | 75 | 420 | 361-420 | 9 | 8 | 4 | | 170 |
| 12E420TLG-22 | 12 | 24 | 75 | 420 | 361-420 | | 8 | 4 | 3 | 170 |
| 12E510TJG-22 | 12 | 24 | 90 | 510 | 421-510 | 10 | 9 | 5 | | 180 |
| 12E510TLG-22 | 12 | 24 | 90 | 510 | 421-510 | | 9 | 5 | 4 | 180 |
| 12E550TJG-22 | 12 | 24 | 100 | 550 | 511-550 | 12 | 10 | 5 | | 190 |
| 12E550TLG-22 | 12 | 24 | 100 | 550 | 511-550 | | 10 | 5 | 4 | 190 |
| 12E600TJG-22 | 12 | 24 | 110 | 600 | 551-600 | 13 | 11 | 6 | | 205 |
| 12E600TLG-22 | 12 | 24 | 110 | 600 | 551-600 | | 11 | 6 | 4 | 205 |
| 12E680TJG-22 | 12 | 24 | 120 | 680 | 601-680 | 14 | 12 | 6 | | 215 |
| 12E680TLG-22 | 12 | 24 | 120 | 680 | 601-680 | | 12 | 6 | 5 | 215 |
| 12E760TJG-22 | 12 | 24 | 140 | 760 | 681-760 | 16 | 14 | 7 | | 225 |
| 12E760TLG-22 | 12 | 24 | 140 | 760 | 681-760 | | 14 | 7 | 6 | 225 |
| 12E875TJG-22 | 12 | 24 | 160 | 875 | 761-875 | 19 | 16 | 8 | | 245 |
| 12E875TLG-22 | 12 | 24 | 160 | 875 | 761-875 | | 16 | 8 | 7 | 245 |
| 12E945TJH-22 | 12 | 24 | 170 | 945 | 876-945 | 20 | 17 | 9 | | 260 |
| 12E945TLH-22 | 12 | 24 | 170 | 945 | 876-945 | | 17 | 9 | 7 | 260 |
| 12E1100TJH-22 | 12 | 24 | 200 | 1100 | 946-1100 | 23 | 20 | 10 | | 280 |
| 24E1100TLH-22 | 12 | 24 | 200 | 1100 | 946-1100 | | 20 | 10 | 8 | 280 |
| 18E420TJG-22 | 18 | 36 | 75 | 420 | 361-420 | 13 | 11 | 6 | | 205 |
| 18E420TLG-22 | 18 | 36 | 75 | 420 | 361-420 | | 11 | 6 | 5 | 205 |
| 18E510TJG-22 | 18 | 36 | 90 | 510 | 421-510 | 16 | 14 | 7 | | 215 |
| 18E510TLG-22 | 18 | 36 | 90 | 510 | 421-510 | | 14 | 7 | 5 | 215 |
| 18E550TJG-22 | 18 | 36 | 100 | 550 | 511-550 | 17 | 15 | 8 | | 225 |
| 18E550TLG-22 | 18 | 36 | 100 | 550 | 511-550 | | 15 | 8 | 6 | 225 |
| 18E600TJG-22 | 18 | 36 | 110 | 600 | 551-600 | 19 | 17 | 8 | | 235 |

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PHANTOM SERIES 1800

MAC 1800 DS

INDUSTRIAL BATTERY CHARGER

THREE PHASE

REV070111

DATA SHEET

Page 2 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 18E600TLG-22 | 18 | 36 | 110 | 600 | 551-600 | | 17 | 8 | 7 | 235 |
| 18E680TJG-22 | 18 | 36 | 120 | 680 | 601-680 | 21 | 18 | 9 | | 245 |
| 18E680TLG-22 | 18 | 36 | 120 | 680 | 601-680 | | 18 | 9 | 7 | 245 |
| 18E760TJG-22 | 18 | 36 | 140 | 760 | 681-760 | 24 | 21 | 11 | | 260 |
| 18E760TLG-22 | 18 | 36 | 140 | 760 | 681-760 | | 21 | 11 | 8 | 260 |
| 18E875TJG-22 | 18 | 36 | 160 | 875 | 761-875 | 28 | 24 | 12 | | 275 |
| 18E875TLG-22 | 18 | 36 | 160 | 875 | 761-875 | | 24 | 12 | 10 | 275 |
| 18E945TJH-22 | 18 | 36 | 170 | 945 | 876-945 | 30 | 26 | 13 | | 295 |
| 18E945TLH-22 | 18 | 36 | 170 | 945 | 876-945 | | 26 | 13 | 10 | 295 |
| 18E1100TJH-22 | 18 | 36 | 200 | 1100 | 946-1100 | 35 | 30 | 15 | | 315 |
| 18E1100TLH-22 | 18 | 36 | 200 | 1100 | 946-1100 | | 30 | 15 | 12 | 315 |
| 24E540TJG-22 | 24 | 48 | 75 | 420 | 361-420 | 17 | 15 | 8 | | 235 |
| 24E540TLG-22 | 24 | 48 | 75 | 420 | 361-420 | | 15 | 8 | 6 | 235 |
| 24E510TJG-22 | 24 | 48 | 90 | 510 | 521-510 | 21 | 18 | 9 | | 260 |
| 24E510TLG-22 | 24 | 48 | 90 | 510 | 521-510 | | 18 | 9 | 7 | 260 |
| 24E550TJG-22 | 24 | 48 | 100 | 550 | 511-550 | 23 | 20 | 10 | | 280 |
| 24E550TLG-22 | 24 | 48 | 100 | 550 | 511-550 | | 20 | 10 | 8 | 280 |
| 24E600TJG-22 | 24 | 48 | 110 | 600 | 551-600 | 25 | 22 | 11 | | 290 |
| 24E7600TLG-22 | 24 | 48 | 110 | 600 | 551-600 | | 22 | 11 | 9 | 290 |
| 24E680TJG-22 | 24 | 48 | 120 | 680 | 601-680 | 28 | 24 | 12 | | 300 |
| 24E680TLG-22 | 24 | 48 | 120 | 680 | 601-680 | | 24 | 12 | 10 | 300 |
| 24E760TJG-22 | 24 | 48 | 140 | 760 | 681-760 | 32 | 28 | 14 | | 330 |
| 24E760TLG-22 | 24 | 48 | 140 | 760 | 681-760 | | 28 | 14 | 11 | 330 |

MODEL DESIGNATION

Example: 24 E 680 T J G - 22

24 = Number of Cells

E = Phantom 1800

680 = Amp Hours

T = Three Phase

J = Input Voltage Configuration

G= Housing

22 - 2200 Control

AC INPUT

CABINET INFORMATION

VOLTAGE CODES

CODE HEIGHT WIDTH DEPTH

J = 208/240/480

G = 25.05 21.48 21.48

L = 240/480/600

H = 25.05 24.24 24.24

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PHANTOM SERIES 2000
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 2000DS
REV070111
Page 1 of 2

SINGLE PHASE

| MODEL | CELLS | DC | | Amp | | WT | | | | | |
|--------------|-------|-------|------|------|---------|-----|-----|-----|-----|-----|-----|
| | | VOLTS | AMPS | Hour | Range | 120 | 208 | 240 | 480 | 600 | LBS |
| 6H380SHF-22 | 6 | 12 | 75 | 380 | 326-380 | 12 | 7 | 6 | | | 110 |
| 6H380SJF-22 | 6 | 12 | 75 | 380 | 326-380 | | 7 | 6 | 3 | | 110 |
| 6H380SLF-22 | 6 | 12 | 75 | 380 | 326-380 | | | 6 | 3 | 3 | 110 |
| 6H450SHF-22 | 6 | 12 | 90 | 450 | 381-450 | 15 | 9 | 8 | | | 115 |
| 6H450SJF-22 | 6 | 12 | 90 | 450 | 381-450 | | 9 | 8 | 4 | | 115 |
| 6H450SLF-22 | 6 | 12 | 90 | 450 | 381-450 | | | 8 | 4 | 3 | 115 |
| 6H510SJF-22 | 6 | 12 | 100 | 510 | 451-510 | 16 | 10 | 8 | | | 120 |
| 6H510SLF-22 | 6 | 12 | 100 | 510 | 451-510 | | 10 | 8 | 4 | | 120 |
| 12H255SHF-22 | 12 | 24 | 45 | 225 | 181-225 | 15 | 9 | 8 | | | 105 |
| 12H225SJF-22 | 12 | 24 | 45 | 225 | 181-225 | | 9 | 8 | 4 | | 105 |
| 12H225SLF-22 | 12 | 24 | 45 | 225 | 181-225 | | | 8 | 4 | 3 | 105 |
| 12H325SHF-22 | 12 | 24 | 65 | 325 | 226-325 | 21 | 12 | 11 | | | 115 |
| 12H325SJF-22 | 12 | 24 | 65 | 325 | 226-325 | | 12 | 11 | 6 | | 115 |
| 12H325SLF-22 | 12 | 24 | 65 | 325 | 226-325 | | | 11 | 6 | 5 | 115 |
| 12H380SJF-22 | 12 | 24 | 75 | 380 | 326-380 | | 14 | 12 | 6 | | 120 |
| 12H380SLF-22 | 12 | 24 | 75 | 380 | 326-380 | | | 12 | 6 | 5 | 120 |
| 12H450SJF-22 | 12 | 24 | 90 | 450 | 381-450 | | 17 | 15 | 8 | | 125 |
| 12H450SLF-22 | 12 | 24 | 90 | 450 | 381-450 | | | 15 | 8 | 6 | 125 |
| 12H510SJG-22 | 12 | 24 | 100 | 510 | 451-510 | | 19 | 16 | 8 | | 130 |
| 12H510SLG-22 | 12 | 24 | 100 | 510 | 451-510 | | | 16 | 8 | 7 | 130 |
| 12H550SJG-22 | 12 | 24 | 110 | 550 | 511-550 | | 21 | 18 | 9 | | 135 |
| 12H550SLG-22 | 12 | 24 | 110 | 550 | 511-550 | | | 18 | 9 | 7 | 135 |
| 12H600SJG-22 | 12 | 24 | 120 | 600 | 551-600 | | 23 | 20 | 10 | | 155 |
| 12H600SLG-22 | 12 | 24 | 120 | 600 | 551-600 | | | 20 | 10 | 8 | 155 |
| 12H700SLG-22 | 12 | 24 | 140 | 700 | 601-700 | | 26 | 23 | 12 | | 170 |
| 12H700SLG-22 | 12 | 24 | 140 | 700 | 601-700 | | | 23 | 12 | 9 | 170 |

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PHANTOM SERIES 2000
INDUSTRIAL BATTERY CHARGER
DATA SHEET

MAC 2000 DS
REV070111
Page 2 of 2

SINGLE PHASE

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 120 | 208 | 240 | 480 | 600 | WT LBS |
|--------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|-----|--------|
| 18H380SJG-22 | 18 | 36 | 75 | 380 | 326-380 | | 21 | 19 | 9 | | 135 |
| 18H380SLG-22 | 18 | 36 | 75 | 380 | 326-380 | | | 19 | 9 | 7 | 135 |
| 18H450SJG-22 | 18 | 36 | 90 | 450 | 381-450 | | 26 | 22 | 11 | | 155 |
| 18H450SLG-22 | 18 | 36 | 90 | 450 | 381-450 | | | 22 | 11 | 9 | 155 |
| 18H510SJG-22 | 18 | 36 | 100 | 510 | 451-510 | | 28 | 25 | 12 | | 175 |
| 18H510SLG-22 | 18 | 36 | 100 | 510 | 451-510 | | | 26 | 12 | 10 | 175 |
| 15H550SJG-22 | 18 | 36 | 110 | 550 | 511-550 | | 31 | 27 | 14 | | 180 |
| 18H550SLG-22 | 18 | 36 | 110 | 550 | 511-550 | | | 27 | 14 | 11 | 180 |
| 18H600SJG-22 | 18 | 36 | 120 | 600 | 551-600 | | 34 | 30 | 15 | | 190 |
| 18H600SLG-22 | 18 | 36 | 120 | 600 | 551-600 | | | 30 | 15 | 12 | 190 |
| 24H380SJG-22 | 24 | 48 | 75 | 380 | 326-380 | | 29 | 25 | 13 | | 175 |
| 24H380SLG-22 | 24 | 48 | 75 | 380 | 326-380 | | | 25 | 13 | 10 | 175 |
| 24H450SJG-22 | 24 | 48 | 90 | 450 | 381-450 | | 34 | 30 | 15 | | 185 |
| 24H450SLG-22 | 24 | 48 | 90 | 450 | 381-450 | | | 30 | 15 | 12 | 185 |
| 24H510SJG-22 | 24 | 48 | 100 | 510 | 451-510 | | 38 | 33 | 16 | | 205 |
| 24H510SLG-22 | 24 | 48 | 100 | 510 | 451-510 | | | 33 | 16 | 13 | 205 |

MODEL DESIGNATION

Example: 24 H 510 S J G - 22

24 = Number of Cells
S = Single Phase
22 - 2200 Control

H = Phantom 2000
J = Input Voltage Configuration

510 = Amp Hours
G = Housing

AC INPUT

VOLTAGE CODES
H - 120/208/240
J = 208/240/480
L = 240/480/600

CABINET INFORMATION

| CODE | HEIGHT | WIDTH | DEPTH |
|------|--------|-------|-------|
| F = | 22.62 | 14.16 | 14.14 |
| G = | 25.05 | 20.19 | 21.48 |

PRICES SUBJECT TO CHANGE WITHOUT NOTICE **CONFIDENTIAL**

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PHANTOM SERIES 2000

INDUSTRIAL BATTERY CHARGER
DATA SHEET

THREE PHASE

MAC 2000 DS
REV070111
Page 1 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| <hr/> | | | | | | | | | | |
| 6H380TJG-22 | 6 | 12 | 75 | 380 | 321-380 | 4 | 4 | 2 | | 155 |
| 6H380TLG-22 | 6 | 12 | 75 | 380 | 321-380 | | 4 | 2 | 2 | 155 |
| 6H450TJG-22 | 6 | 12 | 90 | 450 | 381-450 | 5 | 5 | 2 | | 165 |
| 6H450TLG-22 | 6 | 12 | 90 | 450 | 381-450 | | 5 | 2 | 2 | 165 |
| 6H510TJG-22 | 6 | 12 | 100 | 510 | 451-510 | 6 | 5 | 3 | | 180 |
| 6H510TLG-22 | 6 | 12 | 100 | 510 | 451-510 | | 5 | 3 | 2 | 180 |
| 6H550TJG-22 | 6 | 12 | 110 | 550 | 511-550 | 6 | 6 | 3 | | 190 |
| 6H500TLG-22 | 6 | 12 | 110 | 550 | 511-550 | | 6 | 3 | 1 | 190 |
| 6H600TJG-22 | 6 | 12 | 120 | 600 | 561-600 | 7 | 6 | 3 | | 200 |
| 6H600TLG-22 | 6 | 12 | 120 | 600 | 561-600 | | 6 | 3 | 2 | 200 |
| <hr/> | | | | | | | | | | |
| 12H380TJG-22 | 12 | 24 | 75 | 380 | 321-380 | 9 | 8 | 4 | | 170 |
| 12H380TLG-22 | 12 | 24 | 75 | 380 | 321-380 | | 8 | 4 | 3 | 170 |
| 12H450TJG-22 | 12 | 24 | 90 | 450 | 381-450 | 10 | 9 | 5 | | 180 |
| 12H450TLG-22 | 12 | 24 | 90 | 450 | 381-450 | | 9 | 5 | 4 | 180 |
| 12H510TJG-22 | 12 | 24 | 100 | 510 | 451-510 | 12 | 10 | 5 | | 190 |
| 12H510TLG-22 | 12 | 24 | 100 | 510 | 451-510 | | 10 | 5 | 4 | 190 |
| 12H550TJG-22 | 12 | 24 | 110 | 550 | 511-550 | 13 | 11 | 6 | | 205 |
| 12H550TLG-22 | 12 | 24 | 110 | 550 | 511-550 | | 11 | 6 | 4 | 205 |
| 12H600TJG-22 | 12 | 24 | 120 | 600 | 551-600 | 14 | 12 | 6 | | 215 |
| 12H600TLG-22 | 12 | 24 | 120 | 600 | 551-600 | | 12 | 6 | 5 | 215 |
| 12H700TJG-22 | 12 | 24 | 140 | 700 | 601-700 | 16 | 14 | 7 | | 225 |
| 12H700TLG-22 | 12 | 24 | 140 | 700 | 601-700 | | 14 | 7 | 6 | 225 |
| 12H800TJG-22 | 12 | 24 | 160 | 800 | 701-800 | 19 | 16 | 8 | | 245 |
| 12H800TLG-22 | 12 | 24 | 160 | 800 | 701-800 | | 16 | 8 | 7 | 245 |
| 12H850TJH-22 | 12 | 24 | 170 | 850 | 801-850 | 20 | 17 | 9 | | 260 |
| 12H850TLH-22 | 12 | 24 | 170 | 850 | 801-850 | | 17 | 9 | 7 | 260 |
| 12H1000TJG-22 | 12 | 24 | 200 | 1000 | 851-1000 | 23 | 20 | 10 | | 280 |
| 12H1000TLH-22 | 12 | 24 | 200 | 1000 | 851-1000 | | 20 | 10 | 8 | 280 |
| <hr/> | | | | | | | | | | |
| 18H380TJG-22 | 18 | 36 | 75 | 380 | 321-380 | 13 | 11 | 6 | | 205 |
| 18H380TLG-22 | 18 | 36 | 75 | 380 | 321-380 | | 11 | 6 | 5 | 205 |
| 18H450TJG-22 | 18 | 36 | 90 | 450 | 381-450 | 16 | 14 | 7 | | 215 |
| 15H450TLG-22 | 18 | 36 | 90 | 450 | 381-450 | | 14 | 7 | 5 | 215 |
| 15H510TJG-22 | 18 | 36 | 100 | 510 | 451-510 | 17 | 15 | 8 | | 225 |
| 18H510TLG-22 | 18 | 36 | 100 | 510 | 451-510 | | 15 | 8 | 6 | 225 |
| 18H550TJG-22 | 18 | 36 | 110 | 550 | 511-550 | 19 | 17 | 8 | | 235 |

Motor
Appliance
Corporation

Washington MO 63090
636-231-6100
636-239-5652 FAX



PHANTOM SERIES 2000

INDUSTRIAL BATTERY CHARGER
DATA SHEET

THREE PHASE

MAC 2000 DS
REV070111
Page 2 of 2

| MODEL | CELLS | DC VOLTS | DC AMPS | Amp Hour | Amp Range | 208 | 240 | 480 | 600 | WT LBS |
|---------------|-------|----------|---------|----------|-----------|-----|-----|-----|-----|--------|
| 18H550TLG-22 | 18 | 36 | 110 | 550 | 511-550 | | 17 | 8 | 7 | 235 |
| 18H600TJG-22 | 18 | 36 | 120 | 600 | 551-600 | 21 | 18 | 9 | | 245 |
| 18H600TLG-22 | 18 | 36 | 120 | 600 | 551-600 | | 18 | 9 | 7 | 245 |
| 18H700TJG-22 | 18 | 36 | 140 | 700 | 601-700 | 24 | 21 | 11 | | 260 |
| 18H700TLG-22 | 18 | 36 | 140 | 700 | 601-700 | | 21 | 11 | 8 | 260 |
| 18H800TJG-22 | 18 | 36 | 160 | 800 | 701-800 | 28 | 24 | 12 | | 275 |
| 18H800TLG-22 | 18 | 36 | 160 | 800 | 701-800 | | 24 | 12 | 10 | 275 |
| 18H850TJH-22 | 18 | 36 | 170 | 850 | 801-850 | 30 | 26 | 13 | | 295 |
| 18H850TLH-22 | 18 | 36 | 170 | 850 | 801-850 | | 26 | 13 | 10 | 295 |
| 18H1000TJH-22 | 18 | 36 | 200 | 1000 | 851-1000 | 35 | 30 | 15 | | 315 |
| 18H1000TLH-22 | 18 | 36 | 200 | 1000 | 851-1000 | | 30 | 15 | 12 | 315 |
| 24H380TJG-22 | 24 | 48 | 75 | 380 | 321-380 | 17 | 15 | 8 | | 235 |
| 24H380TLG-22 | 24 | 48 | 75 | 380 | 321-380 | | 15 | 8 | 6 | 235 |
| 24H450TJG-22 | 24 | 48 | 90 | 450 | 381-450 | 21 | 18 | 9 | | 260 |
| 24H450TLG-22 | 24 | 48 | 90 | 450 | 381-450 | | 18 | 9 | 7 | 260 |
| 24H510TJG-22 | 24 | 48 | 100 | 510 | 451-510 | 23 | 20 | 10 | | 280 |
| 24H510TLG-22 | 24 | 48 | 100 | 510 | 451-510 | | 20 | 10 | 8 | 280 |
| 24H550TJG-22 | 24 | 48 | 110 | 550 | 511-550 | 25 | 22 | 11 | | 290 |
| 24H550TLG-22 | 24 | 48 | 110 | 550 | 511-550 | | 22 | 11 | 9 | 290 |
| 24H600TJG-22 | 24 | 48 | 120 | 600 | 551-600 | 28 | 24 | 12 | | 300 |
| 24H600TLG-22 | 24 | 48 | 120 | 600 | 551-600 | | 24 | 12 | 10 | 300 |
| 24H700TJG-22 | 24 | 48 | 140 | 700 | 601-700 | 32 | 28 | 14 | | 330 |
| 24H700TLG-22 | 24 | 48 | 140 | 700 | 601-700 | | 28 | 14 | 11 | 330 |

MODEL DESIGNATION

Example: 24 H 680 T J G - 22

24 = Number of Cells
T = Three Phase
22 - 2200 Control

H = Phantom 2000
J = Input Voltage Configuration

700 = Amp Hours
G = Housing

AC INPUT

VOLTAGE CODES
J = 208/240/480
L = 240/480/600

CABINET INFORMATION

| CODE | HEIGHT | WIDTH | DEPTH |
|------|--------|-------|-------|
| G = | 25.05 | 21.48 | 21.48 |
| H = | 25.05 | 24.24 | 24.24 |

PRICES SUBJECT TO CHANGE WITHOUT NOTICE **CONFIDENTIAL**

FOR ACCESSORIES REFER TO THE OPTION SHEET PRICE F.O.B. BLYTHEVILLE ARKANSAS 72315

TERMS= NET 30 DAYS