

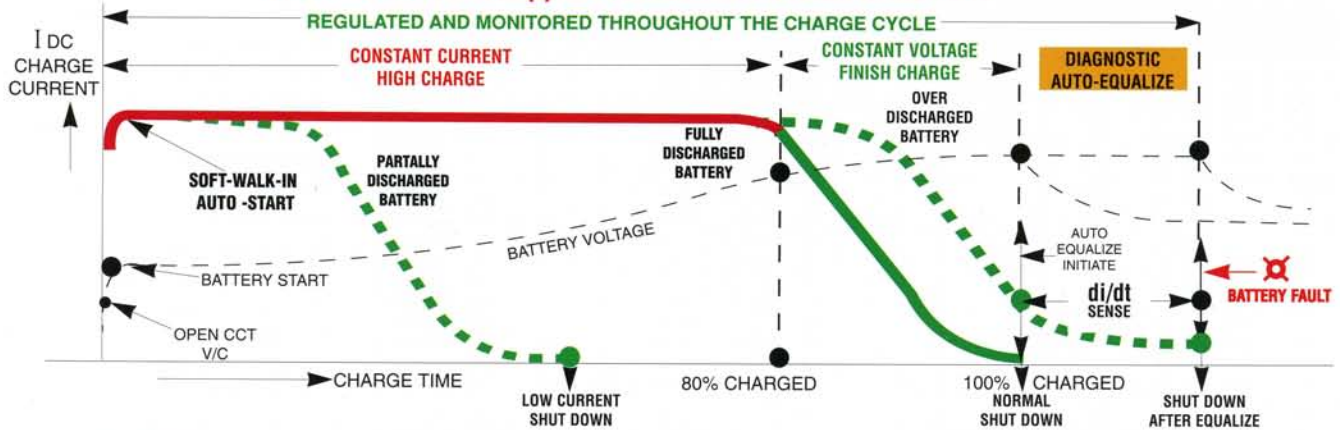
THE MOST ADVANCED
AND SMART

AUTO 2001

MINE VEHICLE
CHARGER

DESIGNED TO CHARGE ALL MAKES AND TYPES OF VENTED AND SEALED LEAD ACID BATTERIES
There are no constraints on the users choice of battery - **NOW** or in the future.

'AUTO-2001' IE(i) CHARGE PERFORMANCE



HEAVY DUTY - DRIP PROOF
LOW PROFILE

OPTIMUM BATTERY PERFORMANCE

- Ideal IEi charge mode recognized for long battery life
- Low battery temperature rise during charge
- Reduced water consumption & maintenance
- No battery discharge when AC off
- Resumes & completes charge after AC outage
- Accurate voltage sensing & monitoring at battery plug using DC - cables with remote sense leads
- Battery temperature compensated charging - optional
- Charge fail alarm alerts attention to trouble shooting check list

CSA APPROVED - BUILT TO UL, MINE, OHSA, NEMA, IEC,
APPROVED BY MAJOR MINING INDUSTRIES

ENVIRONMENT FRIENDLY

- High efficiency: 85 - 90% Single -Phase, 90 - 95% Three - Phase
- "Soft-Walk-In" reduces inrush current stress in the AC Supply, battery plug & intercell links
- Meets CSA/UL conductive (EMI) & Radiated (RIF) Emission limits
- Optional - 20% peak demand energy savings
- Optional - Extra low AC harmonic distortion 12 - Pulse rectifier
- Double impregnated magnetics - Tropicalized components & wiring

USER FRIENDLY

- Simple to operate - No special training required
- Quiet, convection cooled, efficient performance
- Fully automatic 'Hands Off' charging
- Assures 100% recharge regardless of length of DC Cable (No arbitrary field adjustment required)
- Tangle free, twin flex DC Cable c/w sensing leads
- Bright color coded bargraph DC Ammeter - charge status has 120 ft. visibility
- Status display protected by recessed door and hood
- Diodes are 0/L-coordinated with slow blow DC Fuse
- Compact, space saving, style 'AM' wall/floor cabinet handles up to 770AH/25 C, 600 AH/36 C, 450 AH/48 Cell chargers
- Designed for maintainability through front door

STACKING OF
STYLE "AM" & "BM"
CABINETS 2HIGH

COMPACT
DRIP PROOF
UPRIGHT

STYLE
"AM", "BM", "CM"



SAVES 15 - 40% PEAK DEMAND POWER COMPARED TO FERRO OR SCR TYPE CHARGERS

30 YEARS PROVEN RELIABILITY

staticon

AUTO 2001 MINE VEHICLE CHARGERS

LARGE CHOICE TO MATCH YOUR BATTERY AND APPLICATION REQUIREMENTS

Select AH-rating based on minimum available recharge time

(8, 12, hours field selectable)

STANDARDS

- AC - input breaker
- Tropicalization

OPTIONS

1. Specify length of twin flex DC cable (max 50 ft)
2. Plugs can be supplied with aux. contacts for "No-Arc" disconnect or "Battery dv/dTemperature Comp."
3. Other DC plugs SB, SBX, YC, EC. Specify
4. 50 Hz chargers Voltage code
220/240V 1-Phase....."UX"
380/415V 3-Phase....."LX"
5. Export Crating
6. AC input "VISI" breaker
7. 20% peak demand energy saving
8. 12-pulse rectification for extra low AC line harmonics
9. Special 1-Phase or 3-Phase AC line voltage system designs
10. Battery dv/dTemperature compensation (see option 2)

NO. CELL	RATING		TYPE NO. Insert Voltage Code	1-PHASE 60HZ AC-INPUT				3-PHASE 60HZ AC-INPUT					
	AMPERE-HOUR CAPACITY			AC-LINE AMPERES			SHIP WT. KG	CAB. STYLE CHOICE	AC-LINE AMPERES			SHIP WT. KG	CAB. STYLE CHOICE
	8 Hour Charge	12 Hour Charge		B 208-240V	G 480V	H 600V			E 208-240V	F 480V	K 600V		
25 (20-24)	300	450	MPL.25.....300.....	16/14	7	6	115	AM/M1	10/9	5	4	145	AM/M1
	450	675	MPL.25.....450.....	22/19	10	8	130	AM/M1	13/11	6	5	160	AM/M1
	600	900	MPL.25.....600.....	28/25	12	10	145	AM/M1	17/15	8	6	175	AM/M1
	770	1150	MPL.25.....770.....	36/32	16	13	160	AM/M1	22/19	10	8	185	AM/M1
	940	1410	MPL.25.....940.....	-	20	17	170	BM/M1	27/24	12	10	215	BM/M1
	1050	1570	MPL.25.....1050.....	-	22	19	180	BM/M1	30/27	13	11	230	BM/M1
	1210	1810	MPL.25.....1210.....	-	26	21	190	BM/M1	35/31	15	13	245	BM/M1
36 (30-35)	300	450	MPL.36.....300.....	23/20	10	8	130	AM/M1	14/12	6	5	160	AM/M1
	450	675	MPL.36.....450.....	32/28	14	12	140	AM/M1	19/17	8	7	180	AM/M1
	600	900	MPL.36.....600.....	40/35	18	15	160	AM/M1	24/21	11	9	200	AM/M1
	770	1150	MPL.36.....770.....	-	23	19	180	BM/M1	31/27	14	11	220	BM/M1
	940	1410	MPL.36.....940.....	-	29	24	195	BM/M1	39/34	17	14	250	BM/M1
	1050	1570	MPL.36.....1050.....	-	32	27	220	BM/M1	43/38	19	16	270	BM/M1
	1210	1810	MPL.36.....1210.....	-	37	31	230	BM/M1	50/44	22	18	290	BM/M1
48 (40-50)	300	450	MPL.48.....300.....	31/27	13	11	140	AM/M1	18/16	8	7	180	AM/M1
	450	675	MPL.48.....450.....	43/38	19	16	160	AM/M1	25/22	11	10	200	AM/M1
	600	900	MPL.48.....600.....	54/47	24	20	180	BM/M1	32/28	14	12	220	BM/M1
	770	1150	MPL.48.....770.....	-	30	25	200	BM/M1	42/37	18	15	260	BM/M1
	940	1410	MPL.48.....940.....	-	38	32	230	BM/M1	53/46	23	19	300	BM/M1
	1050	1570	MPL.48.....1050.....	-	42	36	250	BM/M1	59/51	26	21	320	BM/M1
	1210	1810	MPL.48.....1210.....	-	49	41	270	BM/M1	67/59	29	24	340	BM/M1
60 (51-64)	300	450	MPL.60.....300.....	38/33	17	14	160	AM/M1	23/20	10	9	200	AM/M1
	450	675	MPL.60.....450.....	53/46	23	19	180	BM/M1	32/28	14	12	220	BM/M1
	600	900	MPL.60.....600.....	-	30	25	200	BM/M1	40/35	18	15	250	BM/M1
	770	1150	MPL.60.....770.....	-	38	32	230	BM/M1	52/46	23	19	290	BM/M1
	940	1410	MPL.60.....940.....	-	48	40	260	BM/M1	65/57	29	24	330	BM/M1
	1050	1570	MPL.60.....1050.....	-	54	45	280	BM/M1	72/63	32	27	390	BM/M1
	1210	1810	MPL.60.....1210.....	-	-	51	310	CM/M1	-	37	31	410	CM/M1
70 (65-80)	300	450	MPL.70.....300.....	-	-	-	-	-	27/23	12	10	220	AM/M1
	450	675	MPL.70.....450.....	-	-	-	-	-	37/32	16	14	250	BM/M1
	600	900	MPL.70.....600.....	-	-	-	-	-	46/41	21	17	290	BM/M1
	770	1150	MPL.70.....770.....	-	-	-	-	-	60/53	27	22	330	BM/M1
	940	1410	MPL.70.....940.....	-	-	-	-	-	75/66	34	28	390	BM/M1
	1050	1570	MPL.70.....1050.....	-	-	-	-	-	-	37	31	410	CM/M1
	1210	1810	MPL.70.....1210.....	-	-	-	-	-	-	43	35	430	CM/M1
120 (110-125)	300	450	MPL.120.....300.....	-	-	-	-	-	46/40	20	18	320	BM/M1
	450	675	MPL.120.....450.....	-	-	-	-	-	64/56	28	24	360	BM/M1
	600	900	MPL.120.....600.....	-	-	-	-	-	-	36	30	420	CM/M1
	770	1150	MPL.120.....770.....	-	-	-	-	-	-	46	38	480	CM/M1
	940	1410	MPL.120.....940.....	-	-	-	-	-	-	58	48	560	CM/M1
	1050	1570	MPL.120.....1050.....	-	-	-	-	-	-	64	54	600	CM/M2
	1210	1810	MPL.120.....1210.....	-	-	-	-	-	-	74	62	630	CM/M2

CABINET STYLE



PROTECTED & INSULATED REMOTE SENSE LEADS

NEW 600 VOLT INSULATION TWIN FLEX DC - CABLES

STATION OFFERS (OPTION 1)

HEAVY DUTY, TWIN FLEX CPE-CABLE C/W REMOTE SENSING LEADS FOR RELIABLE CORRECT VOLTAGE SENSING AT THE BATTERY PLUG
 REMOTE SENSING AT THE BATTERY PREVENTS THE CABLE DROP FROM DEGRADING THE IDEAL IEI CHARGE PERFORMANCE
 TO THE LEVEL OF A FERRO-TYPE TAPER CHARGER AND ASSURES
 A 100% CHARGED BATTERY REGARDLESS OF THE LENGTH OF YOUR DC CABLE.

LOW OPERATING AND MAINTENANCE COST

- Only 4 conservative rated main components
- Contains NO SCR's, fast fuses, capacitors, analog meter, mechanical timer, fan, auxilliary transformer

- 6 YEAR WARRANTY ON MAGNETICS -

- OTHER STATION PRODUCTS -

- Heavy Duty Traction Type Rectifiers
- AC Line voltage Regulator - Filter - Conditioners
- Motive Power Battery Chargers
- Stationary Float - Charge Rectifiers
- Inverter AC-UPS Systems
- Cathodic Protection Rectifiers
- DC to DC Converters
- Frequency Converters
- Ground Fault Monitors for Mining and Trailing Cables
- AC/DC Ground Leakage Monitors

CABINET STYLE	DIMENSIONS		
	H	W	D
AM	24"	26"	18"
	610mm	660mm	457mm
BM	30"	32"	28"
	762mm	813mm	711mm
CM	48"	32"	28"
	1219mm	813mm	711mm
M1	24"	48"	24"
	610mm	1219mm	610mm
M2	24"	64"	24"
	610mm	1626mm	610mm

NO EXTRAS REQUIRED
 easy wall mounting style "AM"
 or stacking style "AM" or "BM" 2 high



WALL / FLOOR STYLE "AM"

(4) 5/16" KEY HOLES FOR WALL MOUNTING 17"W x 15"H

STATION LTD.

390 Tapscott Road, Scarborough, Ontario
 Canada M1B 2Y9
 Tel: (416) 291-3723 Fax: (416) 291-3871