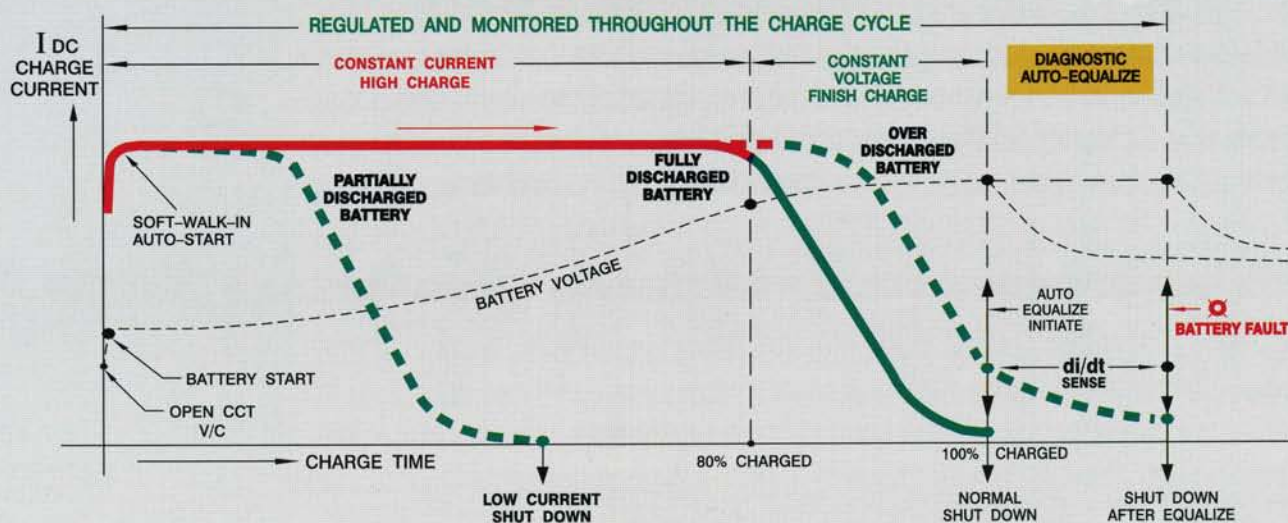


SMART **AUTO 2001** CHARGER

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



ENVIRONMENT FRIENDLY

- "Soft-Walk-In" start reduces inrush current stress in the AC supply, intercell - links, & battery plug.
- Delayed start - this allows peak demand energy savings and hot batteries to cool before charging.
- Meets CSA/UL, "EMI" and "RIF" emission limits.
- Optional - 20% peak demand energy savings.
- Optional - low harmonic distortion (12 pulse rectifier).

USER FRIENDLY

- Starts - by connecting battery with "Soft-Walk-In".
- Operator does not need special training - No switches, push buttons, keys to operate.
- Quiet, convection cooled, efficient performance.
- Compact style 'A' wall/floor cabinet handles up to 1050AH/12c, 940AH/18c, 770AH/24 cell chargers.
- Automatic "Start - Equalize - Stop" operation, allows space saving, elevated cabinet positioning.
- Status display protected by recessed door.
- Bright color coded bargraph is visible up to 120 ft.
- Diodes are overload-coordinated with slow DC - fuse.
- Heavy duty, twin flex, DC cables are twist free.
- Convenience, accurate battery voltage, test outlet at door.



OPTIMAL BATTERY PERFORMANCE

- Ideal (IEi) charge mode recognized for long battery life.
- Eliminates over and under charging.
- Low battery temperature rise during charge.
- Low current shut-down - preserves battery life by preventing unnecessary charging.
- Easy End voltage (gassing point) select - allows you to charge vented & sealed, new & old, batteries.
- Reduced water consumption & maintenance.
- No battery discharge when AC off.
- Resumes & completes charge after AC outage.
- Auto equalize as required by battery condition.
- Accurate voltage sensing & monitoring at battery plug.
- Battery temperature compensated charging - optional.
- Charge fail alarm alerts attention to trouble shooting check list.

REGULATED AND PROGRAMMED TO SAVE ENERGY AND EXTEND BATTERY LIFE

The AUTO 2001 charger saves 15-40% peak demand energy compared to FERRO and SCR type chargers

LARGE CHOICE OF **AUTO 2001 PL** CHARGERS TO MATCH YOUR BATTERY

SELECT: Single phase chargers can be connected to your 3-phase supply (phase to phase or phase to neutral).

STANDARDS

- 8 ft. battery cables & SB or SBX-plug.

OPTIONS

- Special DC-plugs such as EC & YC.
- Y-Harness for series charging including standard DC-plugs.
- Parallel Charging cables including standard DC-plugs.
- DC-cables in excess of 8 ft.
- AC-fused disconnect switch or bkr.
- 50Hz operation, 220/240V 1-Phase, 380/415V 3-Phase.
- Tropicalization, fungus proofing, export crating.
- Special custom design controls, ratings.
- Dual or Multi-AC Input Chargers (Forward AC-line voltages required.)
- Models with 20% peak demand energy savings.
- Models with extra low harmonic AC-line current distortion (12 pulse rectifier).
- Models wired for remote computer monitor interface.
- Dual 12/24 or 24/48 D.C. output.

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. LBS	CAB. STYLE	AC-LINE AMPERES			SHIP WT. LBS	CAB. STYLE	
	8 Hour Charge	12 Hour Charge		A	B 208-240V	G 480V	H 600V			E 208V-240	F 480V	K 600V			
6	225	330	A...6...225..	5	3/2.6	-	-	85	E	--	--	--	-	-	
	300	450	A...6...300..	7	4/3.5	-	-	91	E	--	--	--	-	-	
	450	675	A...6...450..	10	5/4.5	2.5	2.0	103	E	3/2.7	1.4	1.2	218	A	
	520	780	A...6...520..	11	6/5.3	2.8	2.2	75	A	3.5/3.1	1.5	1.3	223	A	
	600	900	A...6...600..	12	7/6.2	3	2.5	116	E	4/3.5	1.7	1.5	227	A	
	770	1150	A...6...770..	16	9/8	4	3.5	121	A	5/4.4	2.3	2	256	A	
	850	1275	A...6...850..	-	10/9	4.5	3.7	128	A	6/5.2	2.6	2.2	262	A	
	940	1410	A...6...940..	-	11/10	5	4	135	A	7/6	3.0	2.4	268	A	
	1050	1570	A...6...1050..	-	13/11	5.5	4.5	143	A	7.5/6/7	3.3	2.7	281	A	
	1210	1810	A...6...1210..	-	--	-	-	-	-	8/7	3.6	3	297	B	
1500	2250	A...6...1500..	-	--	-	-	-	-	10/9	4.5	3.8	339	B		
12	225	330	A...12...225..	10	6/5	2.5	2	103	E	3.6/3	1.5	1.2	230	A	
	300	450	A...12...300..	14	8/7	3.5	3	116	E	5/4.2	2.1	1.8	249	A	
	450	675	A...12...450..	19	11/10	5	4	133	E	6/4.6	2.8	2.3	261	A	
	520	780	A...12...520..	21	12/11	5.5	4.5	143	A	7/5.8	3.1	2.6	277	A	
	600	900	A...12...600..	24	14/12	6	5	152	A	8/7	3.5	3.0	293	A	
	770	1150	A...12...770..	31	18/16	8	7	169	A	11/10	4.6	4	305	A	
	850	1275	A...12...850..	-	20/17	9	7.5	177	A	12/11	5.3	4.5	313	A	
	940	1410	A...12...940..	-	22/19	10	8	184	A	13/12	6.0	5	321	A	
	1050	1570	A...12...1050..	-	25/22	12	9	220	A	15/13	6.5	5.5	347	A	
	1210	1810	A...12...1210..	-	--	-	-	-	-	17/15	7.3	6.0	375	B	
1500	2250	A...12...1500..	-	--	-	0	-	-	21/19	9.0	7.6	436	B		
18	225	330	A...18...225..	-	9/8	4	3	116	E	6/5	2.5	1.8	253	A	
	300	450	A...18...300..	-	12/11	5	4	128	E	7/6.5	3.0	2.5	266	A	
	450	675	A...18...450..	-	16/14	7	6	157	A	10/9	4.2	3.5	278	A	
	520	780	A...18...520..	-	18/16	8	7	169	A	11/10	4.7	3.9	291	A	
	600	900	A...18...600..	-	20/18	9	8	182	A	12/11	5.3	4.4	305	A	
	770	1150	A...18...770..	-	26/23	12	10	208	A	16/14	7.0	6	336	A	
	850	1275	A...18...850..	-	29/26	13	11	243	A	18/16	7.8	6.5	345	A	
	940	1410	A...18...940..	-	33/29	15	12	278	A	20/18	8.6	7	355	A	
	1050	1570	A...18...1050..	-	37/33	17	14	292	B	22/20	10.0	8	374	B	
	1210	1810	A...18...1210..	-	--	-	-	-	-	25/22	11.0	9	396	B	
1500	2250	A...18...1500..	-	--	-	-	-	-	31/27	14.0	12	484	B		
24	225	330	A...24...225..	-	11/10	5	4	135	E	7/6	3.0	2.5	242	A	
	300	450	A...24...300..	-	15/13	7	5.5	157	A	9/8	4	3.4	256	A	
	450	675	A...24...450..	-	21/19	9	8	182	A	13/12	5.6	4.7	374	A	
	520	780	A...24...520..	-	24/21	10	9.0	204	A	14/13	6.3	5.3	294	A	
	600	900	A...24...600..	-	27/24	12	10	226	A	16/14	7	6.0	315	A	
	770	1150	A...24...770..	-	35/31	15	13	283	A	21/19	9	7.6	358	A	
	850	1275	A...24...850..	-	35/31	17	14.5	305	B	23/21	10	8.8	378	B	
	940	1410	A...24...940..	-	--	19	16	327	B	26/23	11	10	399	B	
	1050	1570	A...24...1050..	-	--	21	18	352	B	30/26	13	11	470	B	
	1210	1810	A...24...1210..	-	--	-	-	-	-	33/29	15	12	491	B	
1500	2250	A...24...1500..	-	--	-	-	-	-	41/36	19	15	581	B		
36	225	330	A...36...225..	-	17/15	7.5	6	154	A	10/9	4.5	3.6	286	A	
	300	450	A...36...300..	-	23/20	10	8	169	A	14/12	6	5	297	A	
	450	675	A...36...450..	-	32/28	14	12	226	A	19/17	8	7	351	A	
	600	900	A...36...600..	-	40/35	18	15	283	A	24/21	1	9	360	A	
	770	1150	A...36...770..	-	--	23	19	327	B	31/27	14	11	418	B	
	940	1410	A...36...940..	-	--	28	24	399	B	39/34	17	14	508	B	
	1050	1570	A...36...1050..	-	--	32	27	429	B	44/39	19	16.5	550	B	
(40)	1210	1810	A...36...1210..	-	--	-	-	-	-	50/44	22	18	605	B	
	1500	2250	A...36...1500..	-	--	-	-	-	-	67/54	28	22	678	B	

PREMIUM LINE PL INSERT T - dv/dTemperature Compensation.
ECONO LINE EL Available with ratings for 80% discharged batteries.

LOW OPERATING and MAINTENANCE COST

- ONLY 4 CONSERVATIVE RATED MAIN COMPONENTS
- ONLY 1 CONTROL STATUS MODULE FOR 1 & 3 PHASE RATINGS
- CONTAINS NO SCR'S, FAST FUSES, CAPACITORS, ANALOG METER, MECHANICAL TIMER, FAN, AUX. TRANSFORMER

CSA APPROVED - BUILT TO UL STANDARDS
CONFORMS TO OSHA - NEMA - IEC - VDE

NO EXTRAS REQUIRED for Wall Mounting Style "A" or Stacking Up to 3 High Style "A", "B" Cabinets

CABINET STYLE	DIMENSIONS		
	H	W	D
"A"	24"	20"	15"
"B"	30"	22"	20"

- 30 YEARS PROVEN RELIABILITY - 12 YEAR LIMITED WARRANTY



Distributed by:

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