

ET

**For Use With
Flooded Deep Cycle
Lead Acid Battery
Applications**

PORTABLE

BATTERY

CHARGERS



- Auto Start/Stop
- Electronic backup timer
- Simple operation
- Power-On LED
- DC Ammeter
- Reverse polarity protection
- AC input circuit breaker
- Efficient ferroresonant transformer
- Regulated output
- Silicon diodes
- Convection-cooled
- UL/CUL * except as noted

The MAC ET series of battery chargers were designed for flooded lead acid batteries used in demanding deep cycle applications for personnel carriers, man lifts, golf carts, floor care equipment and other DC powered vehicles. Its overall simplicity, method of

operation and trouble-free performance makes the ET charger attractive to every type of equipment user. To operate after the charger is connected to the battery, the user simply plugs in the AC cord to activate the unit. That's all there is to it. The charger not

only immediately starts charging the battery, but also monitors the battery condition determining the proper charge requirements and automatically tapers the charge rate to provide a proper finish to maximize battery life. DC disconnect is not required to reset circuit.

ET

601 International Ave
Washington MO 63090
636-231-6100
Fax: 636 239-5652

- Auto Start/Stop control with (1) Power-On LED:
The ET control will automatically start the charging process after the charger is connected to the battery and AC receptacle. The control monitors battery state of charge and determines when to terminate the charge.
- Charge Indicator:
Analog DC ammeter
- DC Output:
12V – 10 to 50A, 24V – 10 to 40A, 36V – 10 to 30A, 48V – 10 to 20A.
- AC Supply:
120V AC, 60HZ, Single phase.
- Connections:
AC – 8ft cord with 3 – wire grounded plug.
DC – 7ft DC output cord – DC plugs available at extra cost.
- Fuses:
Input – manual reset circuit breaker.
Output – Fuse or breaker.
- Battery Chemistry:
Designed for flooded deep cycle lead acid batteries.
- Charger Dimensions:

Case	S3	T3	P3	
Width	9.0"	8.4"	9.4"	
Depth	6.4"	10.6"	14.5"	
Height	7.9"	10.6"	12.4"	with handle

Distributed By:

FEATURES

- Microprocessor based control
- Proven SCR technology
- Simple auto start/stop operation
- Electronic backup timers
- LED charge status indicators
- 120 Volt 60 hz or 230 Volt 50/60 hz
- UL and CUL approved
- Reverse polarity protection



SCR BATTERY CHARGERS

Portable Applications

Typical Applications

Golf Cars and NEVs
Personnel Carriers
Pallet Jacks
Floor Care
Scissor Lifts

MAC Technology

Designed and built in USA using advanced components and mfg technology

Battery Flexibility

Capable of charging wet or sealed lead acid batteries

Versatile Design

OEM special designs available including custom charge profiles

120 VOLT

MODELS	DCV	DCA	CASE
SCR1220AF	12	20	T3
SCR1230AF	12	30	T3
SCR2415AF	24	15	T3
SCR2420AF	24	20	T3
SCR2425AF	24	25	T3
SCR2430AF	24	30	T3
SCR3615AF	36	15	T3
SCR3620AF	36	20	T3
SCR3625AF	36	25	P2
SCR3630AF	36	30	P2
SCR4817AF	48	17	T3
SCR4820AF	48	20	T3
SCR4825AF	48	25	P2
SCR4830AF	48	30	P2

Note

120 Volt Models 60 hz
 8 foot AC cord with 5-15P plug
 8 foot DC cord with SB50 black
 Optional connectors available



230 VOLT

MODELS	DCV	DCA	CASE
SCR1220EF	12	20	T3
SCR1230EF	12	30	T3
SCR2415EF	24	15	T3
SCR2420EF	24	20	T3
SCR2425EF	24	25	T3
SCR2430EF	24	30	T3
SCR3615EF	36	15	T3
SCR3620EF	36	20	T3
SCR3625EF	36	25	P2
SCR3630EF	36	30	P2
SCR4817EF	48	17	T3
SCR4820EF	48	20	T3
SCR4825EF	48 </td <td>25</td> <td>P2</td>	25	P2
SCR4830EF	48	30	P2

Note

230 Volt Models 50/60 hz
 IEC inlet, cordset available as an option
 8 foot DC cord with SB50 black
 Optional connectors available



Mechanical Configuration

CASE	A		B		C		D	
	In	cm	In	cm	In	cm	In	cm
T3	8.3	20.6	10.6	27	9.5	24	10.6	27
P2	8	20	12	30	10.7	27	11.7	30

