

Optimate

Mar 2020

High Performance Battery Chargers



MORE BATTERY POWER

LONGER BATTERY LIFE

SAVE YOUR 'DEAD' BATTERY



4 REASONS WHY OPTIMATE IS BETTER THAN OTHER BATTERY CHARGERS

ALL OPTIMATE BATTERY CHARGERS

- 1 TEST** battery condition at connection, decide optimal charge method, then charge. Also, test after charging.
- 2 MAINTENANCE PROGRAM**
24/7 safe maintenance. Checks charge level hourly, delivers exact charge to keep battery at 100% and support 'always on' vehicle circuitry. Soft pulse prevents sulphation build-up.
- 3 EQUALIZES BATTERY CELLS** with a unique pulsing method, brings each cell to full charge for guaranteed 100% battery performance!
- 4 SAVE 'DEAD' BATTERIES** other chargers can't from as low as 1/2 a Volt.

DELIVERED WITH EVERY BATTERY CHARGER

0-04
Battery
Clips



0-01/11
Battery
Lead



Consumer Products :
optimate1.com

Catalog :
tecmate.com/cat

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tecMATE Since 1994



AUTOMATIC - STD / AGM

Optimate5

12V 4A

TM-221
\$82.89

Power charger & maintainer
for START / STOP
& Deep Cycle.



6 STEPS

Low volt SAVE from 2V
Absorption & Equalize
Good / bad test
365-24-7 Maintain



15 - 192Ah

Optimate6

12V 5A

TM-181
\$120.89

The world's most
advanced fully
automatic charger



9 STEPS

SAVE from 0.5 Volts
Dual step Desulphation
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



3 - 240Ah

Optimate7

12V 10A

TM-255
\$159.89

The world's most advanced fully automatic
charger with T° compensation



9 STEPS

SAVE from 0.5 Volts
Dual step Desulphation
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



3 - 400Ah

SELECT - STD / AGM & DEEP CYCLE

Optimate6

12V 5A

TM-191
\$129.89

14.4V or 14.7V charge modes

AmpMatic - adjusts current to battery size
T° compensated charging
13.6V 4A powersupply



9 STEPS

SAVE from 0.5 Volts
Dual step Desulphation
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



3-200Ah

Optimate7

12V 10A

TM-251
\$169.89

14.4V or 14.7V charge modes

AmpMatic - adjusts current to battery size
T° compensated charging
13.6V 8A powersupply



9 STEPS

SAVE from 0.5 Volts
Dual step Desulphation
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



3-400Ah

DUAL VOLTAGE - STD / AGM

Optimate5

6V 4A

TM-223
\$94.89

12V 2.8A

Automatically charge 6V and 12V batteries

VoltMatic - senses battery voltage, selects voltage.
AmpMatic - adjusts current to battery size.



8 STEPS

SAVE from 1V
Dual step desulfation
Absorption & Equalize
Good / bad test
365-24-7 Maintain



8 - 120Ah

Optimate7

12V 10A

TM-261
\$169.89

24V 5A

Select 12V / 24V charge voltage

AmpMatic - adjusts current to battery size.
T° compensated charging.
Safe selection - prevents incorrect charging.



10 STEPS

SAVE from 0.5 Volts
SAFE low volt recovery
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



3-400Ah / (24) 3-200Ah

MORE INFO : optimate1.com

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GENERAL MAINTAINERS

Optimate 1 12V 0.6A

TM-401
\$42.89

24-7-365 smart maintenance!



4 STEPS

Low volt SAVE from 4V
Absorption & Equalize
365-24-7 Maintain



2-3 0Ah

AGM GEL STD

Optimate 2 12V 0.8A

TM-421
\$55.89

24-7-365 advanced maintenance!
Fully sealed / wall-mounts.



4 STEPS

Low volt SAVE from 2V
Absorption & Equalize
365-24-7 Maintain



3-96Ah

AGM STD GEL EFB

MORE INFO : optimat1.com

LITHIUM - LIFEPO4/ LFP

Optimate LFP 12V 5A

TM-291
\$129.89

Automatic LiFePO₄ battery charger
AmpMatic - adjusts current to battery size
T° compensated charging for lithium
BMS reset

10 STEPS

SAVE from 0.5 Volts
SAFE low volt recovery
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



BMS LFP up to 100Ah

Optimate LFP 12V 9.5A

TM-275
\$169.89

The ultimate LiFePO₄ power charger
AmpMatic - adjusts current to battery size
T° compensated charging for lithium
TUNE mode (13.6V battery support)
BMS reset

10 STEPS

SAVE from 0.5 Volts
SAFE low volt recovery
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



BMS LFP up to 200Ah

Optimate LFP Select 12.8V 9.5A / 16V 7.5A

TM-271
\$169.89

The ultimate LiFePO₄ charger for the track
AmpMatic - adjusts current to battery size
T° compensated charging for 12.8V/16V
lithium batteries
BMS reset

10 STEPS

SAVE from 0.5 Volts
SAFE low volt recovery
Ampmatic CHARGE control
Absorption & Equalize
Advanced test
365-24-7 Maintain



BMS LFP up to 200Ah

MORE INFO : optimat1.com

OFF GRID - DC TO DC / SOLAR

Optimate solar 12V 10 - 80W

THE SOLAR CHARGER THAT WORKS DAY AND NIGHT!

THE BRAIN

CHARGER BY DAY



microprocessor controlled charging

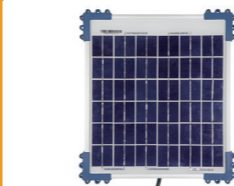
MONITOR BY NIGHT



battery status every 3 seconds

COMPLETE KITS

- 10W TM-522-1 \$114.89
- 20W TM-522-2 \$134.89
- 40W TM-523-4 \$174.89
- 60W TM-523-6 \$214.89
- 80W TM-523-8 \$264.89



from 2Ah
DEEP CYCLE AGM STD GEL EFB

Optimate DC-DC 12V 2A / 12.8V 2A

TM-500
\$94.89

Charge & maintain your battery from another 12V battery!

12V 12.8V

Automatically adjusts for lead-acid OR lithium (LiFePO₄)



6-96Ah
AGM STD GEL EFB LFP

MORE INFO : optimat1.com

SMART BATTERY LEAD

L: 60cm 24"

E124 M6 (1/4") M8 (5/16") \$19.89



RINGS ↔ SAE

Monitors Battery Voltage

E128 M8 (5/16") M10 (3/8") \$22.89

SMART AUTO PLUG PLUG & PLAY

E126 12V Lead-acid \$19.89



SAE ↔ AUTO PLUG

Monitors Battery Voltage

AUTO PLUG Ø21MM / CIGAR

E12 \$10.89



SAE ↔ AUTO PLUG

Safe - Fuse protected!

PANEL MOUNT

E20 Ø 25mm 1" Front mount, front fasten \$17.89



SAE ↔ SAE socket

E-Z mount! Drill the hole, fit the socket, tighten the nut.

ADAPTER : OBD II

E37 \$16.89



SAE ↔ OBDII

Maintain / monitor the battery without opening the hood!

MORE INFO : optimat1.com