

ODYSSEY® Ultimizer™ Chargers

Engineered for maximum battery performance on land and water

Lightweight and portable, ODYSSEY® Ultimizer™ 12V chargers are specifically designed to support the full line of ODYSSEY batteries – Automotive/LTV, Heavy Duty/Commercial, Powersports and Trolling Thunder™/ Marine Dual Purpose.

Powerful enough to charge batteries quickly, these sophisticated chargers are also safe enough to leave them connected to the batteries indefinitely without damage. All ODYSSEY Ultimizer chargers offer these important benefits:

- Three-step charge profile ensures fast, complete and safe charge (see reverse side)
- Continuous trickle charge keeps batteries fully charged during extended periods of non-use
- Sophisticated sequential charging technology keeps triple bank chargers lightweight and compact
- UL Certified (see below)



ODYSSEY® Ultimizer™ Chargers

The full line of ODYSSEY Ultimizer chargers includes:

- 6amp - single bank¹
- 12amp - single bank¹
- 25amp - single bank¹
- 40amp - triple bank²
- 50amp - single bank²
- 50amp - triple bank²

ODYSSEY® Trolling Thunder™ / Marine Dual Purpose Ultimizer™ Chargers

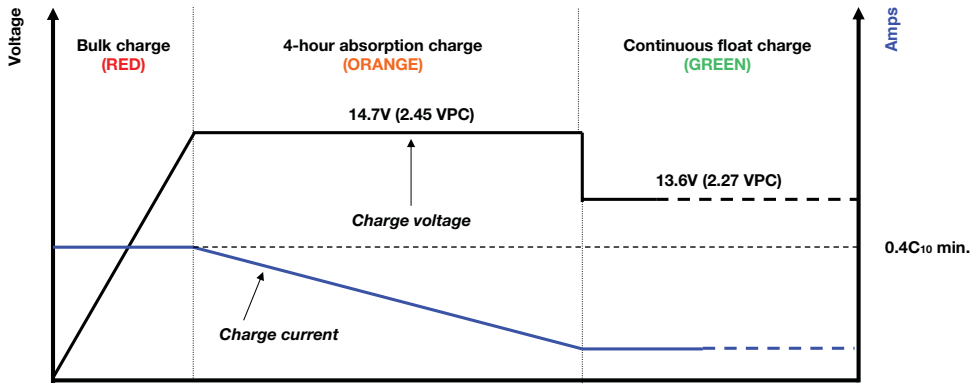
The full line of ODYSSEY Trolling Thunder / Marine Dual Purpose chargers includes:

- 6amp - single bank¹
- 12amp - single bank¹
- 25amp - dual bank³

1 - UL Certified File Number 815G
2 - Built to UL 815G File Standards
3 - Built to UL 1236 Marine Standard and Water Resistant

3-Step Charge Profile

- **INPUT** – 120V, 60 Hz, single phase; current varies with model
- **OUTPUT** – Three-Step charge profile (see figure below)



Bulk Phase –

Fast charges the battery up to 14.7V and gets the battery to about 80% state of charge

Absorption Phase –

Finishes off the charge in no more than an additional 4 to 6 hours after completion of bulk charge

Float Charge –

Continuous trickle charge will keep the battery topped off and ready to go

NOTES:

1. Charger LED stays **RED** in bulk charge phase (DO NOT TAKE BATTERY OFF CHARGE)
2. LED changes to **ORANGE** in absorption charge phase (BATTERY AT 80% STATE OF CHARGE)
3. LED changes to **GREEN** in float charge phase (BATTERY FULLY CHARGED)
4. Switch to float when current drops to 100mA or battery has been on absorption charge for 4 hours

CHARGER MODEL	DESCRIPTION	DIMENSIONS			WEIGHT (LBS.)	FOR USE WITH ODYSSEY® BATTERY MODELS
		LENGTH	WIDTH	HEIGHT		
OMAX-6A-1B	6amp, single bank with quick disconnect	7.25	7.00	2.75	2.6	PC310, PC535, PC545, PC625, PC680
OMAX-12A-1B	12amp, single bank	9.75	7.5	3.25	5.0	PC310, PC535, PC545, PC625, PC680, PC925
OMAX-25A-1B	25amp, single bank	9.75	7.5	3.25	6.0	PC310, PC535, PC545, PC625, PC680, PC925, PC1200, PC1220, 75-PC1230, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500, 34R-PC1500, 34M-PC1500, 34/78-PC1500, 78-PC1500, PC1700, 65-PC1750
OMAX-40AS-3B	40amp, triple bank sequencer	11.0	9.0	5.0	13.0	PC310, PC535, PC545, PC625, PC680, PC925, PC1200, PC1220, 75-PC1230, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500, 34R-PC1500, 34M-PC1500, 34/78-PC1500, 78-PC1500, PC1700, 65-PC1750, 31-PC2150, 31M-PC2150
OMAX-50A-1B	50amp, single bank	11.0	9.0	5.0	10.0	PC310, PC535, PC545, PC625, PC680, PC925, PC1200, PC1220, 75-PC1230, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500, 34R-PC1500, 34M-PC1500, 34/78-PC1500, 78-PC1500, PC1700, 65-PC1750, 31-PC2150, 31M-PC2150, PC2250
OMAX-50AS-3B	50amp, triple bank sequencer	11.0	9.0	5.0	13.0	PC310, PC535, PC545, PC625, PC680, PC925, PC1200, PC1220, 75-PC1230, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500, 34R-PC1500, 34M-PC1500, 34/78-PC1500, 78-PC1500, PC1700, 65-PC1750, PC1800-FT, 31-PC2150, 31M-PC2150, PC2250
CHARGER MODEL	DESCRIPTION	DIMENSIONS			WEIGHT (LBS.)	FOR USE WITH ODYSSEY® TROLLING THUNDER™/MARINE DUAL PURPOSE BATTERY MODELS
		LENGTH	WIDTH	HEIGHT		
TMAX-6A-1B	6amp, single bank	7.25	7.00	2.75	2.6	PC310, PC535, PC545, PC625, PC680
TMAX-12A-1B	12amp, single bank	9.75	7.5	3.25	5.0	PC310, PC535, PC545, PC625, PC680, PC925
TMAX-25AS-2BM	25amp, dual bank sequencer, water resistant	11.25	9.25	6.0	19.25	PC310, PC535, PC545, PC625, PC680, PC925, PC1200, PC1220, 75-PC1230, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500, 34R-PC1500, 34M-PC1500, 34/78-PC1500, 78-PC1500, PC1700, 65-PC1750

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