

ADVANCED INVERTER CHARGER (AIC)

CATEGORY:

INVERTER CHARGERS

MODEL RANGE:

AIC-2000-12-SL
AIC-3000-12-SL
AIC-3000-12-DL

IDEAL FOR:

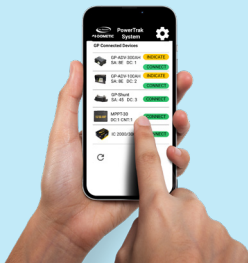


3 YEAR WARRANTY

SYSTEM CONTROL AT YOUR FINGERTIPS

Unlock the full potential of your RV's power system with the Go Power! Connect app!

Get real-time insights into your solar charging stats, battery levels, and power consumption on your mobile device. Monitor performance, and set inverter and charging parameters. Available on the iOS and Android app store.



TOP VIEW



FAN SIDE



PORT SIDE

AIC-2000-12-SL / AIC-3000-12-SL / AIC-3000-12-DL

Smaller, lighter, more advanced, and easier to install. An inverter, battery charger and transfer switch in a sleek, low-profile package. Part of the PowerTrak™ line of products. Available in 2000 and 3000-watts with single-leg (30A) transfer switch, and 3000-watt dual-leg (50A) shore power transfer switch versions. High-frequency inverter chargers with improved AC pass-through functions, feature over-the-air firmware updates and a 3-year warranty.

KEY FEATURES



LIGHTWEIGHT



POWERSHARE



EASY TO INSTALL



POWERTRAK™ COMPATIBLE



3-IN-1 SYSTEM



UL CERTIFIED (458)



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| INPUT/OUTPUT | SPECIFICATONS | AIC-2000-12-SL | AIC-3000-12-SL | AIC-3000-12-DL |
|--|--|--|--|--|
| DC Input | Nominal Voltage | 12 VDC | | |
| | HBCO/HBCI | 16.5 / 15 VDC (programmable) | | |
| | LBCO/LBCI | 10.5 / 12.5 VDC (programmable) | | |
| | Input Voltage Range | 5-16 VDC | | |
| | No Load Consumption | 25 W | | |
| | Stand-By Consumption | < 5 W | | |
| AC Output | Continuous Power | 2000 W | 3000 W | |
| | Surge Power (200ms) | 4000 W | 6000 W | |
| | Surge Power (5s) | 3400 W | 4800 W | |
| | Surge Power (5m) | 2900 W | 3300 W | |
| | Frequency | 60 Hz | | |
| | Voltage | 120 VAC | | |
| | Max Efficiency | 90% | | |
| | Waveform | Pure Sine Wave | | |
| | Stacking | None | 2 Units | |
| | THD | <3% | | |
| | AC Input | Temperature Protection | Yes (derating) | |
| Temperature Compensation | | Yes (external battery sensor) | | |
| Voltage Range | | 80-140 VAC | | |
| Frequency Range | | 45-70 Hz | | |
| Max Input AC Current | | 16 A rms | 24 A rms | |
| Peak Efficiency | | >85% | | |
| Power Factor Correction | | >0.98 (1C) | >0.95 (1C) | |
| Max DC Charging Current | | 100A | 150A | |
| Multi-Stage Charging | Bulk, Absorption, Float, Equalize | | | |
| Transfer Switch | 30A | 30A | 50A | |
| Operating Tempature (No Derating) | -4°F to 104°F / -20°C to 40°C | | | |
| Operating Tempature (With Derating) | -4°F to 140°F / -20°C to 60°C | | | |
| Certifications & Compliance | FCC Class B Part 15, Industry Canada ICES-003 Class B, UL 458, CSA 107.1, ABYC A31, ABYC E11 | | | |
| Mechanical Specifications | Dimensions L x D x H (mm) | 19.7 x 11.3 x 4.4 in (499 x 288 x 112 mm) | 19.7 x 11.3 x 4.4 in (499 x 288 x 112 mm) | 19.7 x 11.3 x 4.4 in (499 x 288 x 112 mm) |
| | Net Weight (kg) | 20.9lbs (9.5 kg) | 21.1lbs (9.61 kg) | 21.6lbs (9.84 kg) |
| Warranty | 3 year | | | |

REMOTES AND ACCESSORIES

*INVERTER CHARGER REMOTE AND ACCESSORIES - SOLD SEPARATELY

POWERTRAK™ SCREEN

The PowerTrak™ screen can be used as a standalone remote or as a backbone for a complete PowerTrak™ smart mobile power system.

POWERTRAK™ SCREEN

GP-PT-DIS-3 (Screen)

GP-RVC-EXT-25 (Cable)



FUSE AND CABLE INSTALL KITS

| 12 VOLT | INVERTER SIZE |
|-------------|---------------|
| GP-DC-KIT 2 | 600-1000 W |
| GP-DC-KIT 3 | 1100-1800 W |
| GP-DC-KIT 4 | 2000-2500 W |
| GP-DC-KIT 5 | 2600-3000 W |



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