



Abso Inverter-Charger 1000W, 2000W

Compact, lightweight inverter and charger
for boats, RV's and trucks

Abso Inverter-Charger

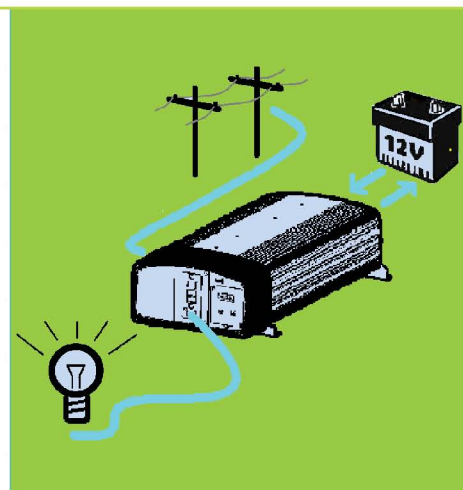
IC 121040 Sinewave 1000W with 40A charger

IC 122055 Sinewave 2000W with 55A charger



Convert Battery Power to Household AC Power and Recharge your batteries

- Run your household appliances in your truck, boat or RV
- Premium sinewave output to run motor loads and sensitive electronics
- Multi-stage charging will charge your deep cycle batteries quickly and efficiently.
- Integrated transfer switch allows you to switch seamlessly from shore power to battery power



KISAE Abso Inverter Charger features & benefits

- Regulated output
- Automatic AC load sensing to prevent tripping the shore power breaker
- Low battery shutdown to prevent total battery discharge
- GFCI outlets for safe operation
- Built in LED display for battery status and load measurement
- Silent operation
- Over temperature shutdown
- Detachable digital display
- High frequency design results in compact sizes for easy storage
- USB port for charging USB devices

Dimensions: (W x L x H)

IC121040 9" x 18.8" x 4.5"
(230mm x 478mm x 114mm)

IC122055 9" x 18.8" x 4.5"
(230mm x 478mm x 114mm)

Weight:

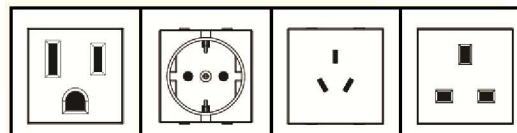
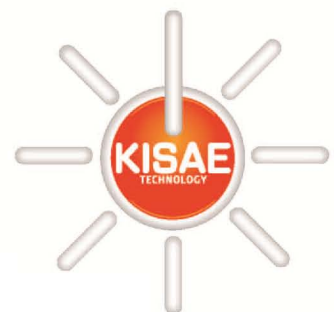
IC 121040 12.5 lb (5.7 kg)

IC 122055 14.5 lb (6.6 kg)

Abso Inverter-Charger

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Inverter		
Output Power (Continuous)	1000W	2000W
Output Power (Peak)	2000W	4000W
Output (Voltage, Frequency)	120 VAC, 60 Hz	120 VAC, 60 Hz
Output Current	8.3A	16.6A
Output Waveform	True Sine Wave (<3% THD)	True Sine Wave (<3% THD)
Peak efficiency	90%	90%
No-load battery draw	< 1.5 A	< 1.5 A
5V USB	750mA	1.0 A
DC Input Voltage (nominal)	12.5 Vdc	12.5 Vdc
DC Input Operation Range	10.5 - 15.5Vdc	10.5 - 15.5Vdc
DC Input Current	90 A	180A
Input Undervoltage Warning/Shutdown	11.2 / 10.5 V	11.2 / 10.5 V
Input Undervoltage Recovery	11.8Vdc	11.8Vdc
Input Overvoltage Shutdown	15.5Vdc	15.5Vdc
Output Power Warning/Shutdown	Warning/Error code	Warning/Error code
Output Short Circuit Protection	Error code	Error code
Temperature Warning/Shutdown	Warning/Error code	Warning/Error code
Detachable Display		
Display Panel Port	RJ12	RJ12
Inverter Mode	Input V/A, Output Power	Input V/A, Output Power
Charger Mode	Status, & Battery Voltage	Status, & Battery Voltage
Warning and Fault Code	Yes	Yes
LED Indicator	Yes (Status, Display)	Yes (Status, Display)
Battery Charger		
Charge Voltage Range	14.2 - 15.5 V	14.2 - 15.5 V
Float Voltage Range	13.4 - 13.8 V	13.4 - 13.8 V
Equalize Voltage	16.0 V	16.0 V
Charger current (Maximum)	40A	55A
Charger current setting (Manual/Auto)	5,10,20,40 / Automatic	5,10,30,55 / Automatic
Charge Control	Bulk / Absorption / Float	Bulk / Absorption / Float
Charging Battery Type	Gel, Flooded, AGM, Lithium	Gel, Flooded, AGM, Lithium
AC Input Voltage/Frequency	120 VAC/60 Hz	120 VAC/60 Hz
AC Input Voltage Range	90 - 132 VAC	90 - 132 VAC
Charger Efficiency	> 80%	> 80%
Dead Battery Charging	1 VDC	1 VDC
Over Charge Protection	Yes, Error code	Yes, Error code
Over Temperature Protection	Derated / Shutdown	Derated / Shutdown
AC Transfer Switch		
Transfer time	< 30 ms	< 30 ms
Transfer Relay	30A	30A
AC Input Source Setting	15, 20, 30A	15, 20, 30A
AC Input Port	Heavy duty connector 30A	Heavy duty connector 30A
AC Output Port 1	15A (GFCI & breaker)	20A (GFCI & Breaker)
AC Output Port 2	Heavy duty connector 30A	Heavy duty connector 30A
AC Output Port 3	15A (GFCI & breaker)	20A (GFCI & Breaker)



Also available in 230Vac

KISAE Technology Co. Ltd.
Room 206, 2nd Floor, Alliance Building,
130-136 Connaught Road Central,
Hong Kong

email: info@kisaetechnology.com
www.kisaetechnology.com