

Inverter – Charger

New
115/230 VAC
Output

Mobile Mount Inverter-Chargers

This line of inverter-chargers uses 12 or 24 volt battery power to produce pure sine wave 115 and 230 VAC power in mobile applications, and recharges vehicle batteries when an external AC source is available. The circuitry and construction are field-proven to provide reliable power in harsh environments and in rugged mobile and industrial applications.



Models	Input	AC Out	Charger Rating
12-1800IC	12 volt	1800W @ 115 VAC	100 amps
12-2500ICX	12 volt	2500W @ 115 VAC	100 amps
12-3000IC	12 volt	3000W @ 115 VAC	105 amps
12-3000DV	12 volt	3000W 115/230	105 amps
24-2200IC	24 volt	2200W @ 115 VAC	40 amps
24-4800IC	24 volt	4800W @ 115 VAC	100 amps
24-4800DV	24 volt	4800W 115/230	100 amps
32-2400	32 volt	2400W @ 115 VAC	30 amps

Specifications

Model	12-1800IC	12-2500ICX	12-3000IC	12-3000IC-DV*
Inverter Output:				
VAC	115V, 60 Hz.	115, 60 Hz	115V, 60 Hz.	115/230V, 60 Hz.
Watts (Surge)	4000	6500	6500	6500
Watts (Cont.)	1800	2500	3000	3000
Wave Type	PS	PS	PS	PS
Inverter Input:				
VDC	11-14	10.5-14.9	11-14	11-14
Max Amps	180	250	300	300
Charger Input:				
VAC	115V, 60 Hz.	115V, 60Hz	115V, 60 Hz.	230V, 60 Hz.
Max Amps	15	25 adjustable	20	10
Charger Output:				
Max Amps@V	85A@12V	100 adjustable	105A@12V	105A@12V
Type	three stage	three stage	three stage	three stage
Case:				
Size Reference	I-2	I-4	I-3	I-3
Weight: Lbs./Kg.	54/25	48/22	75/35	80/37
Model	24-2200IC	24-4800IC	24-4800IC-DV*	32-2400IC
Inverter Output:				
VAC	115V, 60 Hz.	115V, 60Hz.	115/230V, 60 Hz.	115V, 60 Hz.
Watts (Surge)	6500	14,000	14,000	6500
Watts (Cont.)	2200	4800	4800	2400
Wave Type	PS	PS	PS	PS
Inverter Input:				
VDC	22-28	22-28	22-28	29-38
Max Amps	110	240	240	100
Charger Input:				
VAC	115V, 60 Hz.	115V, 60 Hz.	230V, 60 Hz.	115V, 60 Hz.
Max Amps	15	40	15	15
Charger Output:				
Max Amps@V	40A@24V	100A@24V	100A@24V	30A@32V
Type	three stage	three stage	three stage	three stage
Case:				
Size Reference	I-2	I-3	I-3	I-2
Weight: Lbs./Kg.	57/26	95/43	80/37	59/27

Features

- Rugged hostile environment-proven circuitry generates Perfect Sine Wave AC for powering any appliance, from wattage-hungry power tools to highly input-sensitive computers, electronic controllers/processors.
- Built-in high output charger for rapid battery bank replenishment. All models feature three stage charger with output programmable for, gel-cell, flooded lead-acid or AGM battery type.
- All important aspects of inverter and charger operation clearly displayed with front panel status indicators— optional remote panel available
- Numerous safety and circuit protections: short circuit, over load, over-temperature, ground fault protection, output circuit breaker
- Thermally controlled cooling fan prolongs life of components
- Automatic low voltage shutdown circuit prevents damage to batteries due to over-discharge when using inverter function.
- Heavy duty powder coated aluminum construction and conformal coated internal circuitry – built to last in the rugged field environment
- UL listed with full two year warranty
- Built-in automatic load transfer relay (45mS transfer time)
- Model 12-2500ICX features a remote digital display: ability to adjust charger input amps; gives voltage, amperage, and status info.

Case Size

Case	H	W	D
Inches			
I-2	7.5	16.0	15.5
I-3	10	17	16
I-4	14.5	15.8	7.5
Centimeters			
I-2	19.1	40.6	39.4
I-3	25.4	43.2	40.6
I-4	36.8	40	19



DC Power Onboard – Emergency & Specialty Vehicles