

Li-ion Battery Charger

12V/100A - 24V/50A - 48V/25A

Invertek®

Features

- Universal range of auto input supply: 90VAC~260VAC, 50/60Hz
- The built-in charging curve of CC stage and CV stage, suitable for the safe Li-ion battery charging
- Connectable to CMU (Cell Battery Unit) for the safest charging balance of Li-ion battery cells
- Output voltage can be adjusted between 60~100% of the rated output voltage (12V/24V/48V)
- Up to 1500 watts of power from a unit
- Built-in active PFC function, PF > 0.95
- AC input surge current limit
- High efficiency up to 90%
- Input signals of Over Voltage and Over Heat from connection to CMU units
- Alarm signal output of Charging and Charging finished via relay output contacts
- Protections: Short Circuit, Overload, Over Voltage, Over Heat, Reverse Polarity, Battery Disconnect
- Forced air cooling by variable speed fan



Specifications

Model No.	ADC-100U-123	ADC-50U-243	ADC-25U-483
Input Voltage Range	90VAC ~ 260VAC		
Input Frequency Range	45Hz ~ 65Hz		
Full-load Efficiency	> 90%		
Power Factor	> 0.95		
Input Current	17.5A / 100VAC 8A / 240VAC		
Normal Output Voltage	12VDC Battery	24VDC Battery	48VDC Battery
Output Voltage Range	11 ~ 16VDC	22 ~ 32VDC	44 ~ 64VDC
Max. Output Current	100A	50A	25A
Max. Output Power	1500W		
Operating Temperature	-20°C ~ +60°C		
Ambient Humidity	10% ~ 90%		
Storage Temperature	-20°C ~ +85°C		
Protection	Short Circuit, Overload, Over Voltage, Over Heat Reverse Polarity, Battery Disconnect		
Dimension (H x W x D) mm	128 x 232 x 415		
Weight (kgs)	5		