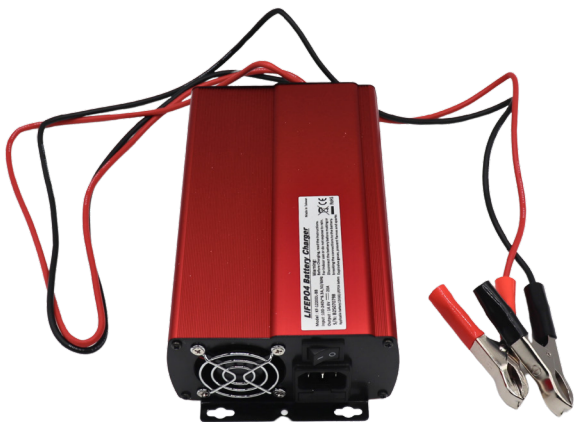


# KF1220DL Smart Lithium-Ion Battery Charger

## Charger Series



CAT # 20-163



**Charger Details**  
300W/20A  
Compatible with 110V & 230C outlets

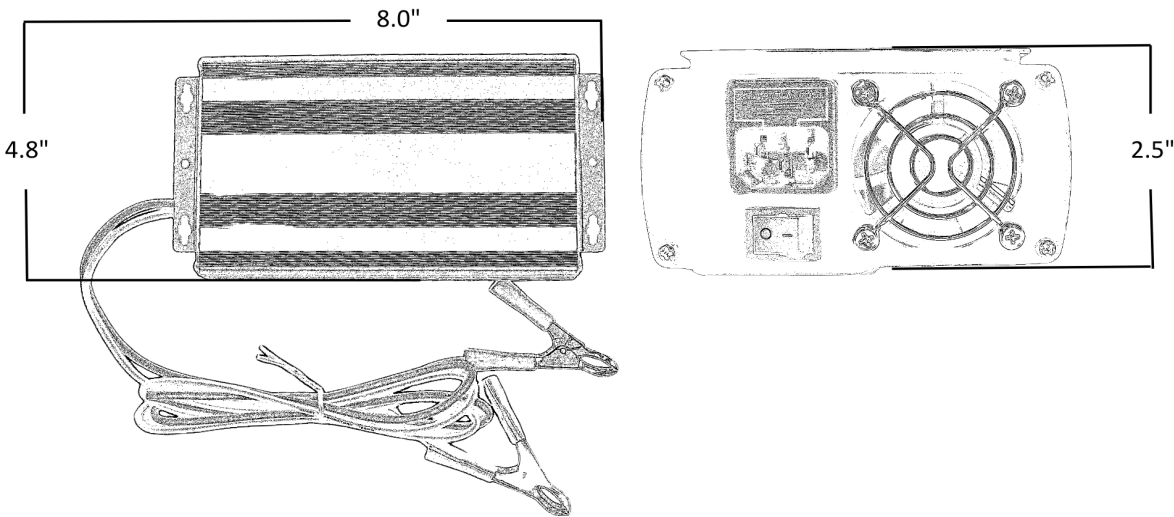
### KEY BENEFITS

- + **Efficient Charging:** High frequency switching power supply technology with automatic CC/CV
- + **Universal AC Input:** Supports 110V to 230V AC input for compatibility with a wide range of power systems
- + **Built-In Protection:** Short circuit, reverse polarity, voltage, and temperature safeguards.

**Smart Charging, Universal Compatibility**  
The KF1220DL is a compact, high-performance charger engineered for 12V lithium-ion battery systems. It features smart charging technology, robust safety features, and broad input compatibility for a wide range of power systems. With clear LED status lights you know exactly when the battery is charging, full, or ready to go.

### DIMENSIONS

Size (L x W x H)	8.0" x 4.8" x 2.5"	203.2mm x 121.9mm x 63.5mm
Weight	4.0lbs	1.8kg



## SPECIFICATIONS

### VOLTAGE AND CAPACITY

Input Voltage	Universal 110/230VAC, 50Hz-60Hz
Output Voltage	12V
Output Current	20 Amps

### ELECTRICAL

Charging States	Constant Current (CC), Constant Voltage (CV), Float, Cut-Off
Cooling	Forced ventilation with fans

### MECHANICAL

Build Material	Aluminum Housing
Indicators	LED1 (Red): Power On; LED2 (Red/Blue/Green): Charging Status (Charging/Full)

### PROTECTION FEATURES

Short Circuit  
Over-voltage  
Over-Temperature  
Reverse Polarity

## INCLUDED PARTS

110VAC Cord/Plug  
DC Alligator Clips

### Powering Innovation.

Discover the right lithium replacement system for you. Reach out to Lithionics' expert support team to find your perfect power solution.

DS-043