

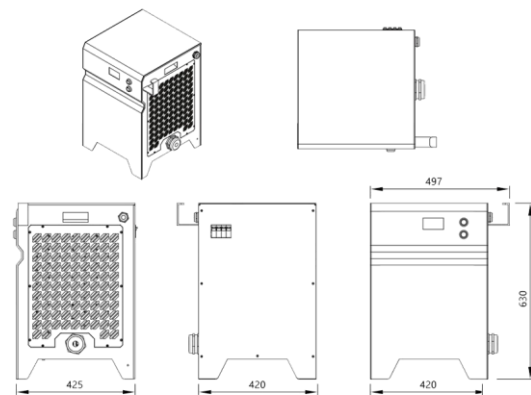


Evlithium limited

www.evlithium.com

Product Specification

12KW Forklift Battery Charger
12KW Industrial battery high frequency charger
24V400A/48V200A/80V120A/120V80A



12KW Industrial battery high frequency charger

Intelligent high frequency charger is designed for battery charging, it is suitable for various batteries cycle working charging.

It was designed by the high frequency switch power supply technology and modular installation construction. The whole system consists of PFC unit, power conversion unit, monitor unit, display unit, electrical unit, communication protection unit and charging connection parts. The charging process is fully automatic, and it realized intelligent charging management of various batteries.

Generally used in common forklift chargers, electric bicycle charging piles, shared charging piles, scan code charging piles, electric vehicle scan code charging, robot charging, new energy vehicle charging, etc.

Model	EVL6124	EVL6113	EVL6114	EVL6137
DC Voltage	24V	48V	80V	120V
Rated Current	400A	200A	120A	80A
Current Range	1-400A	1-200A	1-120A	1-80A
Range of Output Voltage	18-30V	38-60V	65-100V	92-132V
Input Voltage	380V ± 10%	380V ± 10%	380V ± 10%	380V ± 10%
Input Current	30A			
Output Power	12KW			
Input Mode	L1+L2+L3+PE three-phase four wire system/L1+L2+L3+N+PE three-phase five wire system			
Power Factor	>0.99			
THD	<10%			
Efficiency	>95%			
Current Ripple	±3%			
Current Precision	±0.5%			
Voltage Precision	±0.5%			
Ripple Voltage	≤±1%Vo peak-to-peak value,20Mhz bandwidth,			
Charging Precision	Voltage/0.01V Current/0.1A Time/1S			
BMS Power Supply	12V/24V Optional			
Protection Function	OTP、OVP、OCP、Short			
Connector	Anderson/International charging gun/REMA/The customer agreement			
Communication Method	RS485、RS232、CAN Bus			
MTBF	80000H			
Safety	CE、UL1564,IEC61851			
Display	LCD/LED			
Cooling	Air Fan			
Working/Storage temperature and humidity	Working: -20°C to 65°C Storage:-40°C to 85°C			