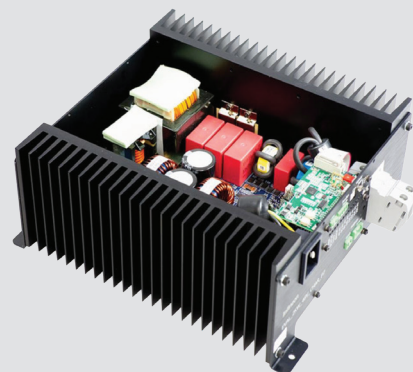


Battery charger (2kW–6kW)

DMIREC48V2KXXX



Introduction

Single-phase AC input battery chargers are available with ratings at 2kW which can be increased up to 7.5kW. Its comprehensive LCD offers user-configurable easy-accessible button operation such as battery charging current, charge timing program, and acceptable input voltage based on different applications. Cooling is carried out by high quality built-in fans and conduction via the base plate. The fans draw air into the unit. All heat-generating components are installed on aluminum heatsink blocks which are thermally connected to the base plate.

Features

- Electronic Power Factor Correction (PFC)
- Rugged, industrial quality
- High efficiency
- Cooling by built-in fans
- Fully protected



Specifications

Product	
Max. Input power	2000W
Input voltage	200–240 VAC
Input current	10
Input frequency	50HZ
Switching operating frequency	100kHz
Line and load regulation	3%
Input protection	Inrush current limit–fuse 15A
Input terminal type	MC4 / H4
Output voltage	48V
Output protection	Short circuit–over load–over voltage
Operating temperature	25°C~+60°C (Reduced load over 45°C)
Max. Output current	40A per module–120A overall
isolation	Output – P.E.: 500VDC
Total harmonic component (current)	<3%
Power factor	1 (+/-0.8 adjustable)
Efficiency	92.5%
Hold up time	10ms
Start-up time	1s
Communication	
Max. Working altitude	4000m
Noise	<25dB
Cooling method	PWM FAN