



Beny High Efficiency Power Module

30kW/40kW



Datasheet

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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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Product Overview

The BYU-1030B/BYU-1040B charging module adopts the world’s leading power technology and processes, specifically designed as a power conversion device for charging the entire electric vehicle.It features an extremely wide constant power output voltage range, with features such as active power factor correction, high efficiency, high reliability, intelligent control, and an attractive design. The module adopts an intelligent air-cooling method, featuring high power density, small footprint, and includes hot-swapping and battery reverse charging protection functions.



Product Advantages

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High Efficiency
- 
High Reliability
- 
Wide Voltage
- 
Intelligent Air-cooling
- 
Intelligentize
- 
Full Protection

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Model Selection

Wall-mounted DC EV Charger	BYU-1030B	BYU-1040B
		
Input Parameter		
Input Voltage	260VAC~530VAC	
Input Frequency	55±10Hz	
Input Current	<60A	<80A
THD	≤5%	
Power Factor	Rated output load PF ≥ 0.99	
Output Parameter		
Rated Output	1000V/30A	1000V/40A
Rated Power	30kW	40kW
Output voltage range	150V~1000V	
Output current range	0~100A	0~133.3A
Voltage stabilized accuracy	≤±0.5%	
Efficiency	Highest efficiency>96%, rated efficiency>95%	
Communication	CAN	
Operating Environment		
Operating temperature	-40°C~70°C,derates from 55°C	
Storage temperature	-40°C~85°C	
Humidity	≤95% RH, without condensation	
Atmospheric pressure/ Altitude	79kPa~106kPa/2000m	
Physical Characteristics		
Acoustic Noise	<65dB	
Dimension	300*437.5*84(L*W*H mm)	
Weight	≤16kg	