

Features

- High-tech soft switch control, the system maximum efficiency is not less than 96%.
- Over-temperature, over-current and short-circuit protection.
- Small volume, light weight, greatly saving space; non-isolation design.
- Can be connected with the original vehicle with a low-voltage interlock.
- Meet the electromagnetic compatibility requirements of GB / T18655-2010, ISO11452-2-2004, and EN50091-2.
- Meet the safety standards of GB / T18384-2001 for electric vehicles.
- Mainly used for new energy vehicles, but also used for most pure electric vehicles and hybrid vehicles.



Specifications

Models	HES3K	HES5K	HES10K	HES12K	HES15K	HES30K	HES45K
DC input	Input voltage		270-750VDC			450-650VDC	300-700VDC
	Rated voltage		350VDC			540VDC	
	Principle		IGBT/SPWM				
Power (W)		3K	5K	10K	12K	15K	30K 45K
AC output	Voltage		AC220V±2%			AC380/400/415V (Line voltage)	
	Frequency		50Hz±0.05%			50Hz/ 60Hz±0.25%	
	Full-load efficiency		>=95%			>=96%	
Protection		Over-voltage, low-voltage, overload, short circuit, over-temperature.					
Cooling		Temperature control fan cooling					
Others	Working temperature		-40℃~+60℃			-25℃~+55℃	
	Storage temperature		-45℃~+70℃			-40℃~+65℃	
	Size (mm)		331*266*166			431*266*166	
Weight (kg)		12	15	19	21	25	48 48

*Note: The Specifications are subject to changes without notice.