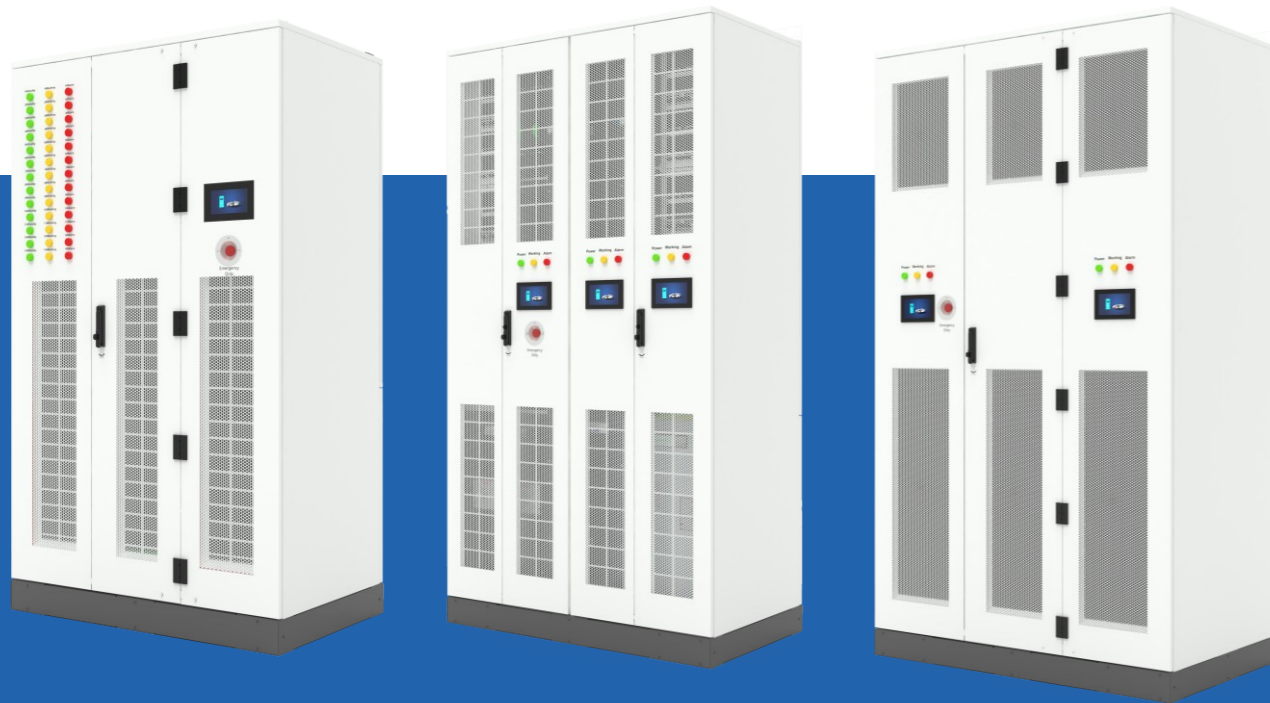


Passenger Vehicles

Product Description

- Used for charging the batteries in battery-swap station for passenger vehicles
- Customization of appearance, protocols, etc. according to different requirements
- Dual-circuit CAN communication on the battery side enables charging status & usual status monitoring
- Communication with battery-swap station is performed in accordance with standard host computer protocol (customized), mostly using Ethernet connection.
- Generally, multi-circuit low-power charging for passenger vehicles with small-capacity battery.
- For standard product, external charging terminal is configurable for charging the vehicle with external charging connector when left unused or faulty.



Application Scenarios



Taxi & Online ride-hailing cars



Private cars

Item	Parameters				
Basic index					
Model	YLHDD480K24	YLHDD720K24	YLHDD390K24	YLHDS300K06	YLHDS270K06
Rated power	480kW	720kW	390kW	300kW	270kW
Number of output circuits	24		13		9
Cooling method	Fan cooling				
Network type	Ethernet/4G				
HMI	7-inch touch screen				
Start-up method	Control platform for battery swap station/ Manually				
Operating environment	Indoor (IP20)		Indoor (IP31)		
Dimensions (WxDxH)	1450×800×2692mm	1600×950×2800mm	1250×800×2200mm	1000×800×2300mm	1000×800×2300mm
Input					
Input voltage	380VAC ± 15%, 3P+N+PE				
Frequency	50 ± 1Hz				
power factor	≥ 0.99				
ITHD	≤ 5%				
Output					
Voltage range	200~1000VDC				
Max current per plug	67A	100A	250A		
Max power per plug (charge simultaneously)	20kW	30kW			
Max efficiency	≥ 95%				
Output voltage error	≤ ± 0.5%				
Output current error	≤ ± 1%				
Voltage stabilized accuracy	≤ ± 0.5%				
Current stabilized accuracy	≤ ± 1%				
Peak-peak ripple	≤ ± 1%				
Environment					
Operating temperature	-20 ~ +50°C				
Storage temperature	-40 ~ +75°C				
Humidity	5~95%RH, non-condensing				
Altitude	≤ 2000m no derating required; > 2000m, the working temperature decreases by 1 ° C for every 100m rise				