

YLCES360K-YLCES960K Split Type DC Charging Station

Product Description

- Power cabinet + Liquid-cooling terminal (connector)
- Max. output voltage: 1000Vdc; Max. output current: 600A
- Power cabinet adopts standard module (40kW) and noise-reducing design.
- Support configuration of "cabinet+liquid-cooling terminal+air-cooling terminal" to achieve optimal efficiency



Application Scenarios

- Taxi, online-hailing cars
- Bus
- Public charging station
- Residence community
- Customized shuttle bus
- Freight vehicles Special vehicles
- Enterprises and institutions
- Commercial complex

Item		Parameters				
Basic index						
Model	YLCES360K	YLCES480K	YLCES640K	YLCES720K	YLCES960K	
Rated power	360KW	480KW	640KW	720KW	960KW	
Cooling method	Forced air cooling					
Installation	Floor-stand					
Operating environment	Indoor or outdoor (Ip54)					
Dimensions (WxDxH)	1000x800x1850mm	1300x800x1950mm	1650x900x2102mm	2000x800x1850mm	26200x800x1950mm	
Weight (KG)	550	700		1100	1400	
Input						
Input voltage	380VAC±15%,3P+N+PE					
Frequency	45Hz-65Hz					
power factor	≥0.99(over half load)					
ITHD	≤5%					
Output						
Output voltage	200-1000Vdc					
Max efficiency	95%(over half load)					
Output voltage error	≤±0.5%					
Output current error	≥30A, ≤±1%; <30A, ≤±0.3A					
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					

Terminal

Item		Parameters		
Basic index				
Model	Liquid-cooling terminal	Single-plug terminal	Dual-plug terminal	
Rated power	600kW	250kW	250kW	
No. of access terminals	1	1	2	
Cable length	3.5m	5m	5m	
Cooling method	Liquid-cooling	Forced air cooling	Forced air cooling	
Operating environment	Indoor or outdoor (Ip54)			
Dimensions (WxDxH)	650x350x1750mm	450x200x1600mm	450x200x1600mm	
Installation	Floor-stand			
Cabinet communication	CAN			
Platform communication	Ethernet/4G			
Output				
Output voltage	200-1000Vdc			
Max. current	600A	250A	250A	
Voltage stabilized accuracy	≤±0.5%			
Current stabilized accuracy	≤±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			