

DC Charger Series

YTY is a new generation of integrated DC constant power fast EV Charger with system built-in 30/40kW constant power charging module and a highest output voltage of 1000V, suitable for all kinds of vehicle charging requirements. The module adopts isolated glue-filling design with high reliability in all kinds of harsh environment scenarios. The system is compatible with 160~240kW power allocation, supporting single gun, double gun, smart power distribution, and compatible with multi-pile ring network parallel to realize smooth upgrading, suitable for all kinds of public and special charging stations.

All-in-one DC Charger -YTY (160/180/240kW)



Features

■ Professional heat dissipation design

- Scientific ventilation scheme is adopted to ensure the ventilation volume of the module, control the internal temperature, and improve the efficiency and stability of the module.

■ Stable and reliable

- The positive and negative busbars are equipped with DC contactors and negative fuses, supporting emergency stop protection buttons, input surge protector, leakage circuit breakers, grounding and insulation detection and monitoring safety protection devices, and software&hardware dual protection functions.

■ Double waterproof

- Power distribution and control adopts double chamber design while inlet and outlet airflow adopts labyrinth design with double waterproof and dustproof capability.

■ Wide voltage range

- Support 200V-1000V DC charging output, 300V-1000V constant power charging output, suitable for all kinds of passenger cars and large vehicles.

■ Active protection

- Deep interaction with vehicle BMS is different from the "blind charging" state of the traditional charger, and the charger actively participates in the monitoring of the charging process to ensure multi-party safety and provide effective protection.

Technical Parameters

Model		YTY160CEAG1	YTY180CEAG1	YTY240CEAG1
Product specification		160kW	180kW	240kW
AC input	power supply mode	Three-phase five-wire system		
	Input voltage	400Vac±15%		
	Input frequency	45~65Hz		
	Power factor	0.99		
DC output	Output voltage range	200~1000V		
	Output current	CCS2: 200A		
	System efficiency	≥95%(Above half load power)		
Operating environment	Operating temperature	-25~+50°C full load output		
	Relative humidity	5%~95%, RH		
	Altitude	≤2000m		
	Noise	≤65dB		
	HCI	7 inch touch color screen		
Basic information	Dimensions (W*D*H)	750*750*1920mm		
	Ingress protection	IP54		
	Background communication	Ethernet, 4G module(Optional)		
	Qty.charger	1/2		
	Auxiliary power supply	12V/24V(Optional)		
	Power distribution function	Smart power distribution		
	Starting charge mode	Swipe card, scan code, VIN		
	Communication protocol	OCPP 1.6J		
Safety protection	Protection function	Overcurrent protection, undervoltage protection, residual current detection, surge protection,leakage protection, short circuit protection, overtemperature protection		

■ Product continues to iterate, specifications may be updated without prior notice.

