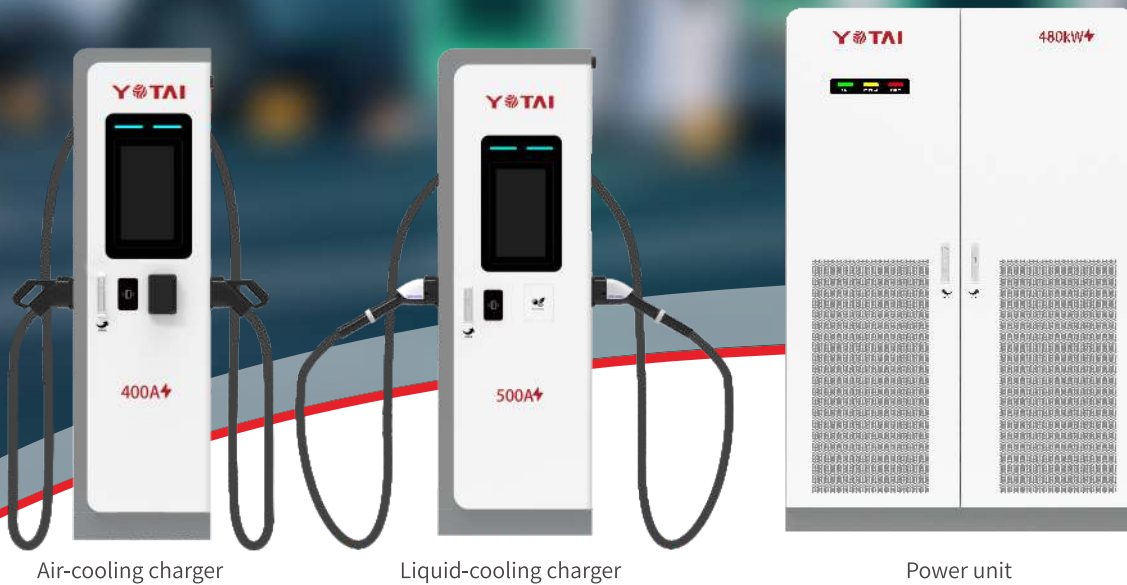


## Split DC Pile Series - YTS-480 (360/480kW)

### Product Introduction

YTS-480 is a split high power charging system designed for high power charging stations, which adopts a power supply cabinet with 6 double gun charging terminals, a total of 12 outputs with 360-480kW rated power, built-in isolated glue-filling charging module ensuring high reliability. The charging terminal can be equipped with a conventional 400A output charging terminal or a liquid-cooled 500A charging terminal. The rectifier cabinet adopts a single-module solution for smart power distribution among power units to improve the utilization rate of charging parking spaces and power of charging stations, suitable for all kinds of application scenarios.



### Features

#### ■ Adjustable power

- The charging power unit adopts modular design for flexible expansion; Single-module scheduling supports full matrix power allocation.

#### ■ Stable and reliable

- Complete configuration of positive and negative bus DC contactor and safety, protection switch, input surge protector, leakage switch, grounding and insulation monitoring and safety protection devices with multiple protection functions and logic in software and hardware.

#### ■ Air-cooled&liquid-cooled optional

- It can be equipped with 400A conventional double-gun charging terminal as standard or 500A liquid-cooled charging terminal as optional. Power units are connected through a ring network so as to achieve a single gun output of 400kW or 480kW.

#### ■ 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.

#### ■ Flexible charge

- The output power of each charging pile can be dynamically distributed according to the demand of the vehicle power battery, to realize the flexible scheduling of the output power.

#### ■ ConformstotheLatestTR25:2022 Standard

- This product boasts superior compatibility and adaptability and has been certified with CE, CB, and TR25 standards, making it well-suited for fulfilling the charging station requirements in both Europe and Singapore.

## Technical Parameters

Model		YTS360CEAG1	YTS480CEAG1
Product specification		360kW	480kW
AC input	power supply mode	Three-phase five-wire system	
	Input voltage	AC 400±10%	
	Input frequency	50~60Hz	
	Power factor	0.99	
DC output	Output voltage range	200~1000V	
	Output constant power range	300~1000V	
	Output current	Single-gun fast charger:400A(200A、300A Optional) Single-gun liquid-cooling charger:500A	
	System efficiency	≥95%(half load rate)	
Operating environment	Operating temperature	-20~+50°C	
	Relative humidity	5%~95%, RH	
	Altitude	≤2000m	
	Noise	≤68dB	
	HCI	7/15.6 inch LCD Touch Screen	
Basic information	Cable Length	4m standard; 5m or 7m Optional	
	Dimensions (W*D*H)	Charging host: 1400*1000*2100mm	
		Fast charger: 500*320*1800 mm	
		liquid-cooling charger: 600*370*1900 mm	
	Ingress protection	IP54	
	Background communication	Ethernet、4G module(Optional)	
	Qty.charger	2~12	
	Certification	CE, CB, TR25	
	Power distribution function	Full matrix flexible allocation	
Starting charge mode	APP, RFID card, QR code, Credit Card (Optional)		
Communication protocols	OCPP1.6J		
Safety protection	Protection function	Over voltage protection, under voltage protection, overload protection, short circuit protection, grounding protection, lightning protection, insulation monitoring protection, polarity reverse connection protection, Overvoltage protection, over charge protection, over temperature protection, emergency stop protection, open door protection, Micro-break leakage protection	

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

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