



**CHARGING
ENERGY-STORING
INTEGRAL CHARGING PILE**

215KWH

About HICI

HICI is a technology leading company to provide smart charging solution for digital power application.

HICI Digital Power Technology Co., Ltd. (Shorted as HICI), located in China's Optics Valley and was founded in 2015, is a national Hi-tech Little Giant enterprise specialized in providing customers with One-stop Solution of "vehicle-charger-grid". The company has over 350 employees, of which nearly 30% are core R&D personnel. The business scope has covered four core production lines based the energy cycle: new energy vehicle power system, controlling system product line with new energy vehicle control and charging control as the core, charging production line with new energy vehicle charging equipment as the core, and energy storage product line with light storage and charging integration as the core. The company integrates R&D, production and sales together. More than 120 patents and software copyrights have been achieved. The application has covered more than 200 cities in China and over 60 countries and regions around the world.

HICI will continuously be devoted to innovative technology and contributed to the global goal of zero-carbon life.

60⁺

Countries

200⁺

Cities

320⁺

Employees

120⁺

Patents & Copyrights

600kW

DC Charging Power

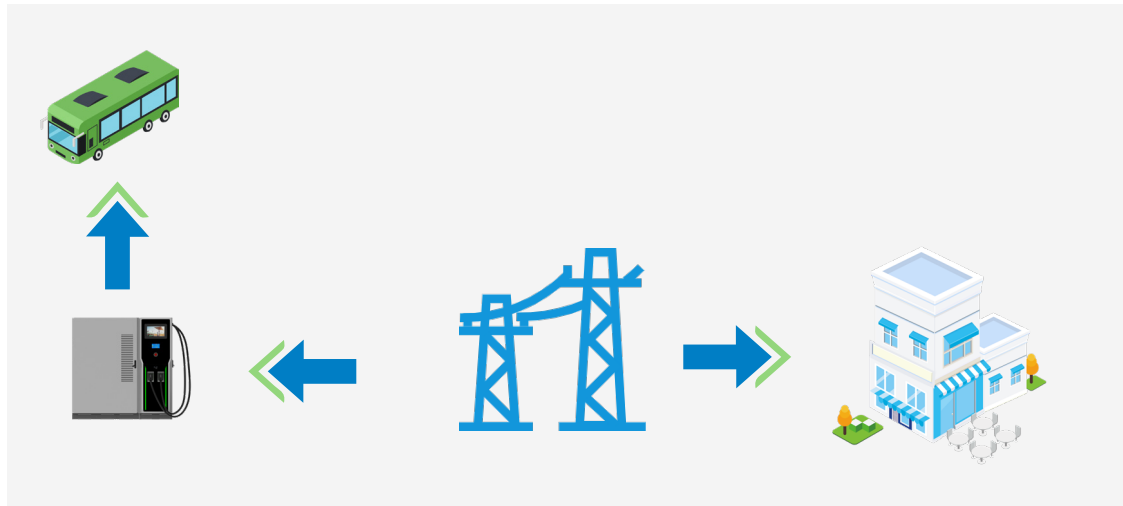
20,000⁺

DC Chargers

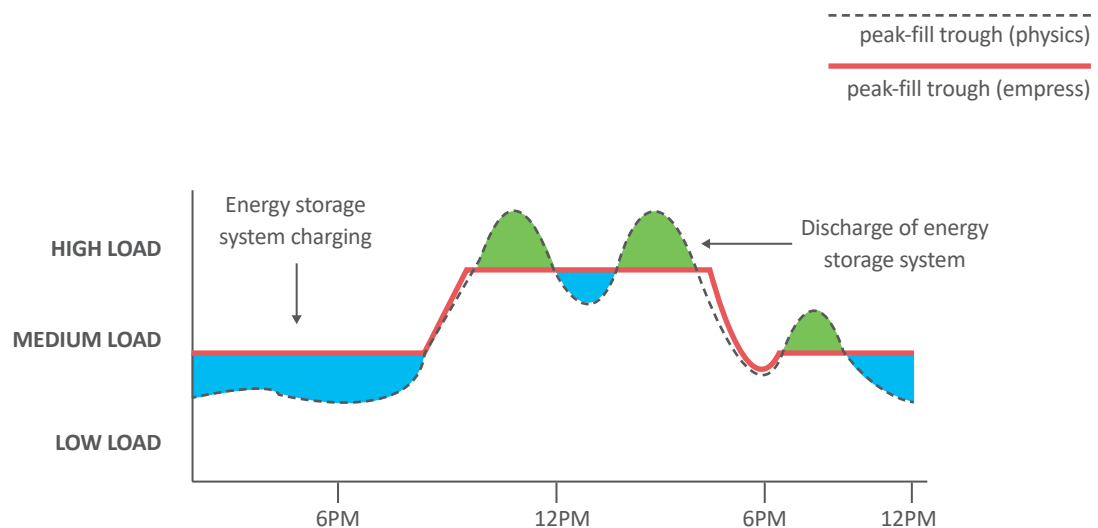
HIGHLIGHT



In order to solve the issue of the power grid capacity shortage, the product is equivalent to expand the capacity of the power grid and save cost.



The product is discharged during the high-load period of the power grid and charged during the low-load period, which can not only reduce the burden on the power grid, but also make profits from the electricity price gap.



Providing limited emergency charging capability through energy storage batteries during power outages

Recommended application areas of this product include residential areas, industrial and commercial areas, high-speed service areas, and environments with insufficient power capacity etc.

protection level reaches

IP67

Noise Control

<65dB

Energy storage battery capacity

215kWh



High Security

providing 30 active safety tests
24 hour platform detection
equipped emergency stop button

High Efficiency

Charging efficiency $\geq 95\%$
power factor $\geq 99\%$
less self consumption

High Performance

High-quality components support the service life of our products can exceed 10 years.
Automotive-grade Lithium iron phosphate battery with liquid cooling system ensures stability.
Super fast charging: Power up to 80% in 10 minutes

Technical Specification

CHARGER TYPE		DC CHARGER
BATTERY PACK	Battery power	215kWh
	Voltage range	600-876VDC
	Input power rating	AC380/Max 40KW/80KW
	Battery cycling	≥6000 Cycles
	Cooling system	Liquid
	Output current	140A
	Output power	107KW
CHARGING SYSTEM	Max output power	120KW+40KW/80KW
	Output voltage	200V-1000VDC
	Output current	250A (max)
	Cooling system	Fan
	Charging connector	2
BASIC CONFIGURATION	Interface	7" LCD touchscreen
	Communication protocols	OCPP 1.6J (Extendable to ocpp 2.0)
	Operation tips	Voice function
	Advertising screen	15.6" inches
	Payment system	RFID, QR code, APP and POS etc.
	Software update	Remote upgrade
	Communication system	4G, WIFI, Bluetooth, Ethernet
ENVIRONMENTAL AND MECHANICAL SPECIFICATIONS	Dimensions(W*D*H)	2000*1300*2100
	Noise Control	<65dB
	Operational altitude	Up to 2500 m
	Operating temperature range	-30°C to + 55°C (power de - rating applies)
	Humidity	5 -95% Rh non- condensing
	IP and IK rating	IP-54(Battery pack IP65) and IK-10(cabinet)/IK-8(touchscreen)
	Cable length	5 meters(8m/10m optional)
CERTIFICATION AND STANDARDS	CERTIFICATION	Battery cells: IEC 62619/IEC62933/UN38.3 Battery system: IEC 62619, IEC 63056 and IEC62477-1 Charging: IEC 62619, IEC61851, IEC62477, IEC15118
	SECURITY	Over Voltage,Over Current,Over Power,Over temperature ,Under Voltage,short-circuit,Emergency stop protection , Residual current detection ,surge protection,door Access,Grounding protection, Flame retardants

GREEN TECHNOLOGY ZERO-CARBON LIFE



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