

SMART CHARGING

SOLUTIONS FOR SMART INDIA



www.thevoltah.com

About VOLTAH

A Leading Solar Solutions Provider Brand

Brand Overview



AatmaNirbhar
Bharat Abhiyan

Voltah, a flagship brand under Lobel Green Energy, stands as a leading manufacturer of advanced solar products in India. With a strong commitment and vast experience in renewable sector. Voltah specializes in high-performance solar inverters, solar panels, ACDB/DCDB distribution boxes and BOS. Backed by cutting-edge technology and deep industry expertise, Our solutions are crafted to meet the growing energy demands while reducing the carbon footprint of our country.

Our Vision

To establish Voltah as a globally recognized Indian brand in the solar industry by offering a wide range of high-quality, innovative products. We envision becoming a one-stop solution for all solar energy needs—delivering everything from advanced components to complete project execution. Our aim is to lead the way in making clean, efficient, and accessible solar power a global standard, proudly driven by Indian engineering and excellence.

Our Mission

To achieve a leading position in solar product supply across India's residential and commercial segments by delivering reliable, high-performance, and innovative solutions. We are also focused on expanding our presence in ground-mounted systems and IPP projects—building a strong foundation for long-term, sustainable growth and contributing to the nation's clean energy infrastructure with integrity.

Why Choose Us

-  Empowering Solar Industry Since 2009
-  Served More Than 16000+ Happy Customers
-  Highest Distribution Networks
-  Supplied More Than 1.8 Lac+ Solar Inverters



Full Range of Intelligent Charging Products



AC EV Charger

AC 3.3*3KW, 7.4KW & 22KW

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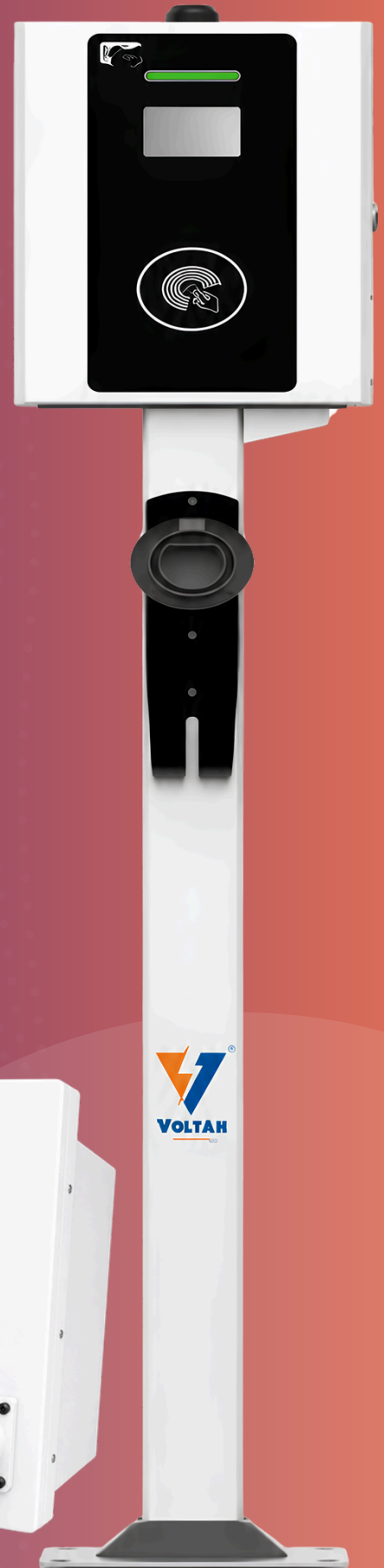
Wall & Floor Mounted AC EV Charger

Features

- Ideal choices for residential, community, and commercial AC EV charger
- Optional wired/wireless connection for back office management
- Optional RFID card reader for user identification and management Input: 200Vac~240Vac
- IP65 rated for indoor/outdoor applications
- Firmware updates through remote connection
- Charging interface: SAE J1772 (Type 1) / IEC 62196-2 (Type2)

Applications

- Highway gas/ service station
- Home use or commercial use
- EV dealer workshops
- Parking garage
- EV infrastructure operators
- and service providers



Technical Specifications

Rating		3.3*3KW	7.4KW	22KW
AC Input	Input Rating	415Vac/Three Phase	230 Vac/Single Phase	415Vac/Three
	AC Input Connection	3L/N/PE	L/N/PE	3L/N/PE
	Max Input Current (A)	16A	32A	
	Frequency (Hz)	50 Hz		
	Power Factor	≥0.99		
Output Characteristics	Max Output Power	3.3*3KW	7.4KW	22KW
	Output Voltage Range	200-250VAC	184-276VAC	
	Output Current	16A	32A	
User Interface & Control	Push Buttons	Emergency Stop		
	Display Information	Charging Process and Status / Alarm and Warning Messages		
Communication	External	Ethernet / GSM / Wi-Fi		
	Internal	OCPP 1.6 JSON		
Environmental	Operating Temperature	-30 ⁰ c to 50 ⁰ c Power derating from 55 ⁰ c and above		
	Humidity (%)	5~95RH, Non Condensing		
	IP Level	IP65		
	Cooling Method	Natural Cooling		
Mechanical	Weight (Kg)	<10 Kg		
	Gun Cable Length (m)	6m		
Protection		OVP, OCP, OPP, OTP, UVP, Residual Current Detection, Surge Protection, Cabinet Open Detection (Rear Door)		
	Ground Fault	Lost Input Ground Connection		
Regulation	Certificate	ARAI		

DC EV CHARGERS

20KW&30KW (DualGun)

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Features

- Could be charged up to 80% within 1 hour
- PF>0.99 (APFC)
- Efficiency>95% at nominal output power
- OCPP1.6 JSON
- Intelligent RFID card reader
- 7" touch screen and friendly HMI interface could support
- English, Hindi Language Support
- Ethernet/GSM
- IK10, IP54/55
- Customization available
- Easy installation and maintenance

Applications

- Highway gas/ service station
- Commercial operators
- EV dealer workshops
- Parking garage
- EV infrastructure operators and service providers

Technical Specifications

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Rating		20KW	30KW(Dual Gun)
AC Input	AC Input Connection	415VAC ± 15% 3P+N+PE	
	Max Input Current (A)	30A	46A
	Frequency (Hz)	50 Hz	
	Power Factor	≥0.99	
	Efficiency (%)	≥95 %	
DC Output	Output Voltage Range	30-110V	
	Max Output Current (A)	200A	300A
	Max Output Power (KW)	20KW	30KW
	Voltage Accuracy (%)	±0.5	
	Efficiency (%)	±0.5	
User Interface & Control	Display	7 Inch Touch Screen	
	Push Buttons	Emergency Stop	
	Display Information	Charging Process and Status / Alarm and Warning Messages	
	Internal	CANbus / RS485	
Environmental	Operating Temperature (°C)	-30°C to 50°C, Power derating from 55°C and above	
	Humidity (%)	5~95RH, Non Condensing	
	Altitude (m)	<2000m	
	IP Level	IP54/55	
	Cooling Method	Forced Air Cooling	
Mechanical	Dimension (WXDXH) mm	500*700*1650 / 700*500*1790	
	Weight (Kg)	230 Kg	
	Gun Cable Length (m)	5m	
Protection	Input Protection	OVP,OCP,OPP,OTP,UVP, Residual Current Detection, Surge Protection, Cabinet Open Detection (Rear Door)	
	Output Protection	SCP, OCP, OVP, LVP, OTP, Residual Current Detection	
Regulation	Certificate	ARAI	
	Charging Interface	GB/T Interface	

CCS Charger

30KW, 60KW, 80KW & 90KW

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Features

- Could be charged up to 80% within 1 hour
- CCS-2 Standard
- PF>0.99 (APFC)
- Efficiency>95% at nominal output power
- OCPP1.6 JSON
- Intelligent RFID card reader
- 7" touch screen and friendly HMI interface could support
- English, Hindi Language Support
- Ethernet/GSM
- Ik10, IP54/55
- Customization available
- Easy installation and maintenance

Applications

- Highway gas/ service station
- Commercial operators
- EV dealer workshops
- Parking garage
- EV infrastructure operators and service providers

Technical Specifications

Rating		30KW	60KW	80KW	90KW
AC Input	AC Input Connection	415VAC \pm 15% 3P + N +PE			
	Max Input Current (A)	46A	92A	123A	139A
	Frequency (Hz)	50 Hz			
	Power Factor	\geq 0.99			
	Efficiency (%)	\geq 95 %			
DC Output	Output Voltage Range	150-1000V	150-1000V	200-1000V	150-750V
	Max. Output Current	100A	200A	268A	150A
	Max. Output Power (kw)	30KW	60KW	80KW	90KW
	Voltage Accuracy (%)	\pm 0.5			
	Current Accuracy (%)	\pm 0.5			
User Interface & Control	Display	7 Inch Touch Screen			
	Push Button	Emergency Stop			
	Display Information	Charging Process and Status / Alarm and Warning Messages			
	Internal	CANbus / RS485			
Environmental	Operating Temperature	-30 ⁰ c to 50 ⁰ c Power derating from 55 ⁰ c and above			
	Humidity (%)	5~95% Non Condensing			
	Altitude (m)	<2000m			
	IP Level	IP54/55			
	Cooling method	Forced Air Cooling			
Mechanical	Dimension (WXDXH) mm	500*700*1650/ 700*500*1790			
	Weight (Kg)	210-260 Kg			
	Gun Cable Length (m)	6m			
Protection	Input Protection	OVP, OCP, OPP, OTP, UVP, Residual Current Detection, Surge Protection, Cabinet Open Detection (Rear Door)			
	Output Protection	Lost Input Ground Connection			
Regulation	Certificate	ARAI			
	Charging Interface	CCS-2 Combo Interface			

Fast Charger

142KW & 240KW

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Features

- Could be charged up to 80% within 1 hour
- CCS 2 Standard
- PF>0.99 (APFC)
- Efficiency>95% at nominal output power
- OCPP1.6 JSON
- Intelligent RFID card reader
- 7" touch screen and friendly HMI interface could support
- English, Hindi Language Support
- Ethernet/GSM
- IK10, IP54/55
- Customization available
- Easy installation and maintenance

Applications

- Highway gas/ service station
- Commercial operators
- EV dealer workshops
- Parking garage
- EV infrastructure operators and service providers

Technical Specifications

Rating		142KW	240KW
AC Input	AC Input Connection	415VAC ± 15% 3P + N +PE	
	Max Input Current (A)	219 A	371A
	Frequency (Hz)	50 Hz	
	Power Factor	≥0.99	
DC Output	Output Voltage Range	150-750 VDC, CCS	150-1000 VDC
		150-750 VDC, CCS	
		415V AC (TYPE II)	
	Max. Output Current	(200A + 200A + 32A) (TYPE II)	800A
	Output Power Range (kw)	142KW	240KW
	Voltage Accuracy	±0.5	±0.5
	Current Accuracy	±0.5	±0.5
User Interface & Control	Display	7 Inch Touch Screen	
	Push Button	Emergency Stop	
		RFID System	
	Display Information	Charging Process And Status / Alarm Warning Messages	
Communication	External	Ethernet / GSM	
	Internal	CANbus / RS485	
Environmental	Operating Temperature (°C)	-30°C ~ + 50°C Power derating from 55°C and above	
	Humidity (%)	5~95RH, Non Condensing	
	Altitude (m)	<2000	
	IP Level	IP55/54	
	Cooling Method	Forced Air Cooling	
Mechanical	Dimension (WXDXH) mm	500*700*1650 / 700*500*1790	
	Weight (Kg)	420 to 500 Kg	
	Gun Cable Length (m)	6	
Protection	Input Protection	OVP, OCP, OPP, OTP, UVP, Residual Current Detection, Surge Protection, Cabinet-Open Detection (Rear Door)	
	Output Protection	SCP, OCP, OVP, LVP, OTP, Residual Current Detection	
Regulation	Certificate	ARAI	
	Charging Interface	CCS+CCS+TYPE II	CCS-2 Combo Interface

Product Performance



TIME-TESTED

Proven Technology with P&O algorithm



SAFETY

Certified and independently tested for electrical safety.



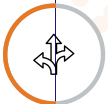
ACCESSIBILITY

Covering All Parts of India with Smart Solutions



RELIABILITY

PReliable operation with redundant power modules.



FLEXIBILITY

Compatible with GB/T, CCS, CHAdeMO & AC charging standards.



INNOVATIVE

Future-ready for EVs up to 1000V, including trucks and vans.

SMART CONNECTIVITY

- 24/7/365 network monitoring of the charger status
- Remote updates with the latest features for the latest EVS
- More than 75% of service cases could be resolved remotely

SMART MONITORING

- iOS and Android smart mobile applications
- Live localization of charger status
- Mainstreaming wallet payments/linking to bank accounts
- Real-time data surveillance system

EASY TO USE

- Automatic customer authorization upon plug-in with Auto charge feature
- Touch screen display with a user-friendly now and simplified visual of the charging process, support English and Hindi language

AFTER SALES SUPPORT

- Comprehensive technical training programs
- Service support within 48 hours and remote guidance
- Remote upgradation of firmware
- Highly qualified support team
- Quick and easy guidance

Integrated Products Service



Comprehensive EV charging solutions from design to support



Expertise in research, manufacturing, and deployment



Committed to safe, smart, and sustainable charging



Supporting green energy and clean mobility initiatives



Strategic partnerships for reliable charging infrastructure



Expanding EV charging networks across India and beyond



Focused on making EV charging easier and more accessible



Driving the future of sustainable transportation with innovation

Design & Development

- 3.3*3KW AC Charger to 240KW DC ultra-fast charger
- Fully equipped facility

Survey & Construction

- Consultation for EV Charging Stations
- Electrical power evaluation and model selection
- Professional installation

Our Installations





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Aapke Solar Ki Dhadkan 

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