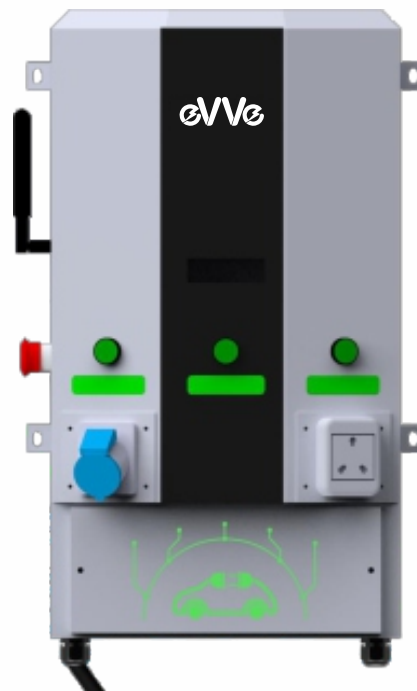




EVAC 14KW HB(E)

Full featured AC EV charging station with all electrical protections and state-of-the-art features to enable private and public EV charging for 2-wheeler, 3-wheeler & 4-wheeler.



EV CHARGING SOLUTIONS

PRODUCT SPECIFICATIONS

POWER INPUT

Input Voltage Rating	Standard	415 VAC ($\pm 15\%$) Three Phase
Input Current Rating	Standard	16 A for 2 phase and 32 A on 1 phase
Maximum Input Power	Standard	14 kW
Connection & Wiring	Standard	L1, L2, L3, N, G
Standby Power	Standard	<20 W
Internal Battery	Standard	2-hour Power Backup for Controller

POWER OUTPUT

Number of Outputs	Standard	3
Output Rating	Standard	OUTPUT 1 - 230 VAC ($\pm 20\%$), 16A
		OUTPUT 2 - 230 VAC ($\pm 20\%$), 16A
		OUTPUT 3 - 230 VAC ($\pm 20\%$), 32A
Output Power	Standard	OUTPUT 1 - 3.3 kW
		OUTPUT 2 - 3.3 kW
		OUTPUT 3 - 7.4 kW
Metering	Standard	Class-1, Three Phase Energy Metering
Cold Load Pick-up	Standard	Configurable Charge Resume after Power Failure

CHARGING OUTPUT

Charging Interface	Standard	Output 1 - IEC 60309
		Output 2 - 16A, 3-pin Socket
		Output 3 - IEC 62196 (Type-2) Connector
Connector Cable Length	Standard	5 meters (for IEC 62196)

PROTECTION

Circuit Breaker	Standard	4-pole 40 A MCB
Plug-out Protection	Standard	Output Terminated upon charging Connector Plug-out (< 3 s)
Ground Fault	Standard	30 mA GFCI
	Standard	30 mA RCCB
Surge Protection	Standard	Class-II, 4-pole SPD
Electrical Protections	Standard	Over Current, Over Voltage, Under Voltage, Over Temperature & Earth Disconnection

USER INTERFACE & STATUS INDICATORS

Buttons	Standard	Emergency Stop
	Standard	Push Button for Start / Stop
User Authentication	Standard	QR Code, Mobile App, Remote Start, RFID
Status Indication LED	Standard	Multi-colour LED-Power, Charging Diagnostic
Display	Standard	3.5-inch

INTELLIGENCE

Dynamic Load Management	Standard	Scheduled Charging for all 3 connector & Throttled Charging for Type-2 / IEC 62196
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COMMUNICATION

Charging Station to Vehicle	Standard	Pilot Line Communication (Type-2 / IEC 62196)
Cloud Connectivity	Standard	WiFi
	Standard	4G, Ethernet
	Standard	Bluetooth to Mobile App
Communication Protocol	Standard	OCPP 1.6
	Optional	OCPI, Custom APIs

ENVIRONMENTAL

Operating Temperature	Standard	-10° C to +55° C
Operating Humidity	Standard	5-95% Relative Humidity, Non-condensing

MECHANICAL

Dimensions	Standard	660 mm X 360 mm X 130 mm
Material	Standard	Aluminium
Ingress Rating	Standard	IP 54
Net Weight	Standard	12 kg
Mounting Type	Standard	Wall Mount

CERTIFICATIONS

Accreditation Standards	Standard	CE
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