

**EVD160KU/C05**

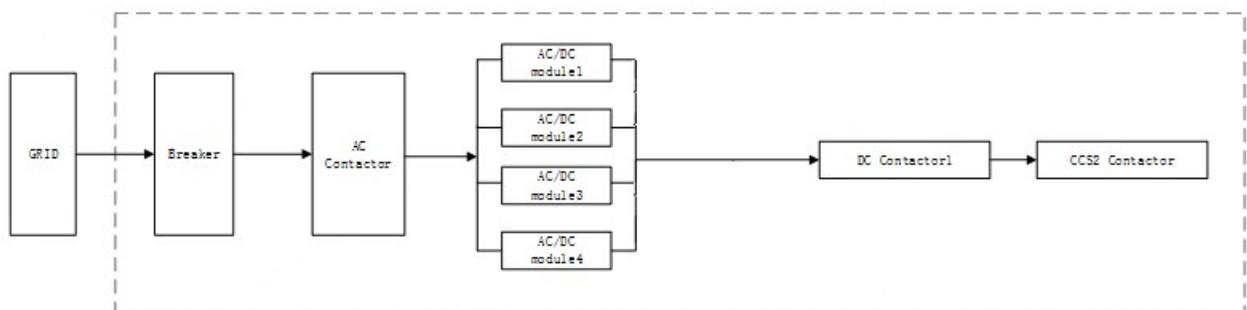
**Parameters of the manual**

**V1.0**

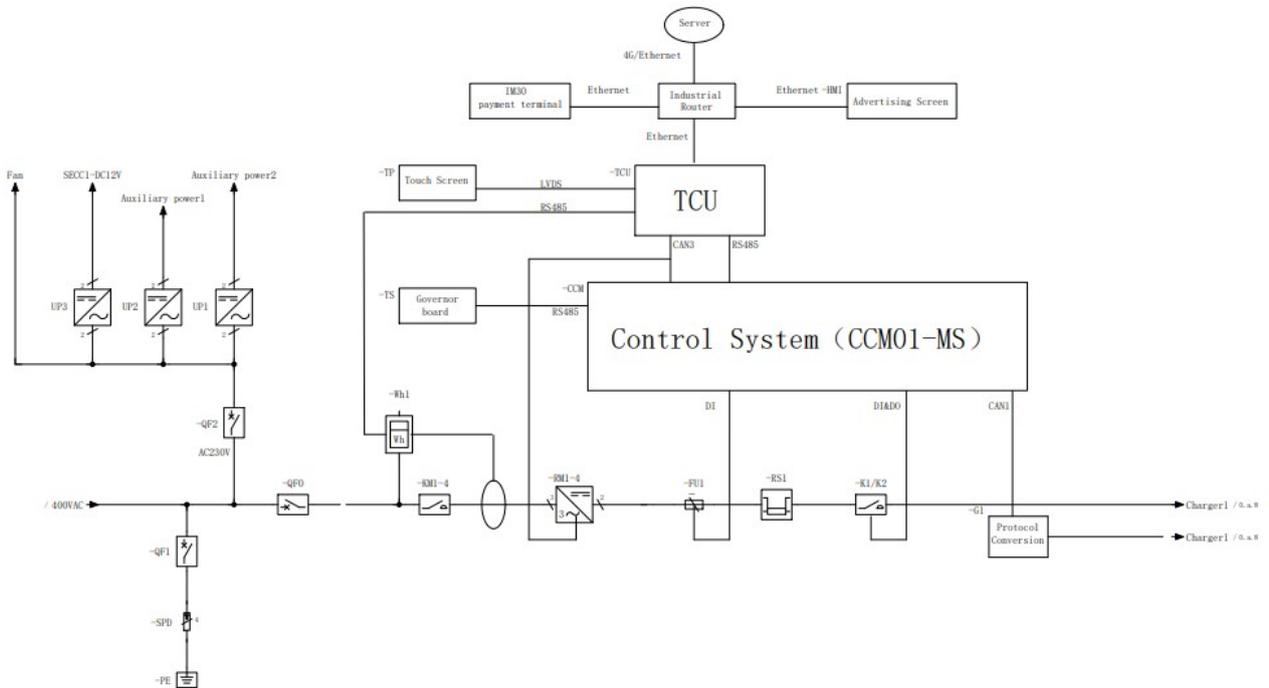
## Part 1: Picture



## Part 2: System Architectures



### Part 3: System communication topology

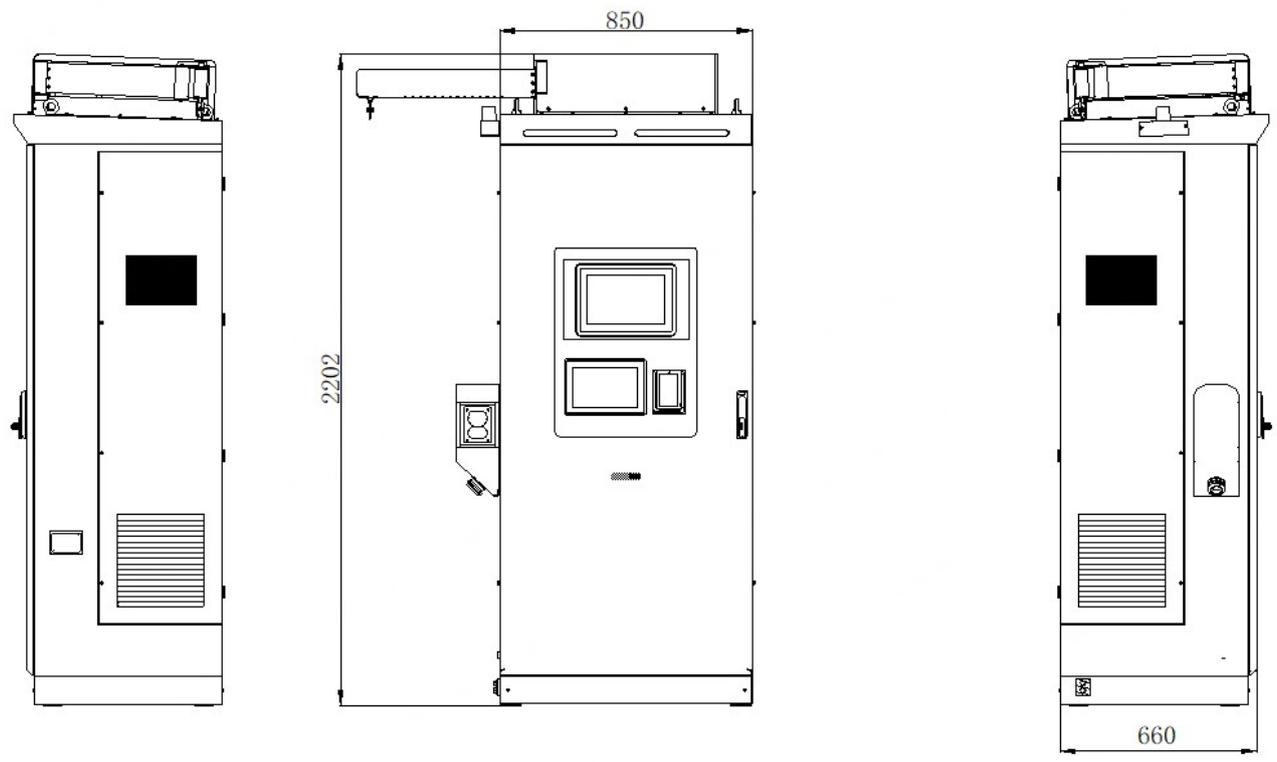


### Part 4: Main Technical Parameters

Specification	Model	EVD160KU/C05
Power Input	Phases / Lines	3 phase + Neutral + PE
	Voltage	AC 400 V ± 10%
	Frequency	50Hz
Power Output	Voltage	DC 200~1000V
	Current	Max. 400A
	Power	Max.160kW
	Charging way	Simultaneous Charging
Structure Design	Installation Method	Floor-stand
	Charging Outlet	DC CCS 2
	Cable Length	4.8M
	LED Indicator	Yes
	HMI	10.1 in Color touch screen
	LCD Screen	15.6 in Android screen
	RFID Function	MIFARE Classic NEMA EV 2018 standard Apple VAS Google Smart Tap

	Energy meter	MID
	Efficiency	> 94%(> 15KW)
	Power Factor	> 0.98 (50% ~ 100% load)
	Harmonics	iTHD < 5%
	RCD	Yes
Communication	Charger v.s. EV	PLC (DIN 70121: 2014-12/ ISO15118)
	Communication Protocol	OCPP 1.6J
Environmental Index	Operating Temperature	-30 °C ~ +50 °C
	Working Humidity	5%~95% without condensation
	Working Altitude	<2000M
	Protection Grade	IP54
	Application Site	Indoor/Outdoor
	Cooling Method	Air-blast cooling
	Noise	≤65dB
Safety Protection	Multiple Protection	Over/Under voltage protection, Overload protection, Short Circuit Protection, Over/Under Temperature Protection, Grounding Protection, Surge Protection
	Certification	CE marking: Complies with IEC 62196, IEC 61851EMC Compliance EU: EN55011, EN55022 and IEC61000-4Surge Protection: IEC 6100-4-5, Level 5 (6 kV @ 3,000A) or Greater
Package Information	Net Weight	≤380KG
	Gross Weight	≤460KG
	External Packing	Wooden case

**Part 5: Dimension parameter**



**Dimension parameter: 850mm(W)\*2200mm(H)\*660mm(D)**