### STASIUN PENGISIAN KENDARAAN LISTRIK UMUM (SPKLU)

# **AC CHARGING 22 KW - MOUNTING**

## YOUR EV CHARGING PARTNER AC CHARGER

"Your partner for efficiency & reliability public charging service and infrastructure. Compatible to OCPP which allows further backend system integration like user, station, transaction & energy management, online control and monitoring."

#### **FEATURES**

- 22 kW AC charging 3 Phase Input
- RFID and APPS user identification
- OCPP & network connectivity enables system integration
- Compact design
- IP54/IK10 and user friendly
- Suitable for public utility





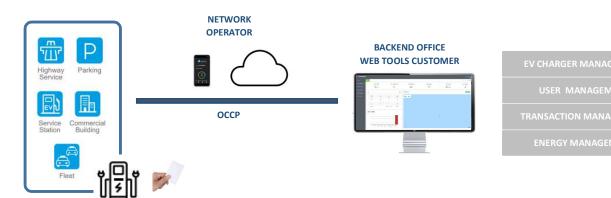


22 KW



**1 OUTLETS OUTPUT** 





EV CHARGER CHARGER STATION MANAGEMENT SYSTEM PLATFORM



### **TECHNICAL SPECIFCATION**

Standard         IEC 61851-1; IEC 61851-2; IEC 61000-6-1; IEC 61000-6-3           Certificate         CE           Application scenes         Parking lot / Public charging station           Housing Material         Alloy           Instalation method         Mounting           Cable Routing         Bottom inlet wiring, up outlet wiring           Cable length         Minimum 3 m           Charging outlet         AC TYPE 2           Input Violtage         3 - phase 380/400           Electrical Spesification         Measuring accuracy         Level 1           AC Output Current         32 A           AC Output Power         22 kW           AC Output Power         22 kW           AC Output Power         22 kW           Level 1         Sol/IEC14443 Type A & MIFARE RFID card           Function design         User Authorization         ISO/IEC14443 Type A & MIFARE RFID card           Function graph in place         Emergency stop bottom, LED indicator, card swiping, touch screen           Function flesign         Working temperature         -30° C* -70° c* (Output degreaded aboved 50° C*)           Environment condition         Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS           Environment condition         Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS           Environment condition	TECHNICAL SPECIFCATION			
Structure Description         CE           Structure Description         Dimension WXTH (Dublic charging station)           Structure Description         Instalation method (Dublic charging station)           Bottom inlet wiring, up outlet wiring (Dable Routing)         Bottom inlet wiring, up outlet wiring (Dublic charging outlet)           Charging outlet (Dublic Charging outlet)         AC TYPE 2           Input Voltage (Dublic Charging outlet)         3 - phase 380/400           Rated power (Dublic Charging outlet)         22 kW           Rated power (Dublic Charging outlet)         22 kW           Rated power (Dublic Charging outlet)         22 kW           AC Output Current (Dublic Charging outlet)         32 A           AC Output Power (Dublic Charging outlet)         22 kW           Communication (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet)           Function design (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet)           Function design (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet (Dublic Charging outlet)           Function design (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging outlet)           Function design (Dublic Charging outlet)         4 COUNTY Charging outlet (Dublic Charging out	Standar	Standard	IEC 61851-1; IEC 61851-22; IEC 61000-6-1; IEC 61000-6-3	
Application scenes Parking lot / Public charging station Housing Material Alloy Instalation method Mounting Cable Routing Bottom inlet wiring, up outlet wiring Cable length Minimum 3 m Charging outlet AC TYPE 2 Input Voltage 3 - phase 380/400  Input frequency SoHz/60Hz Rated power 22 KW Reasuring accuracy Level 1 AC Output Current 32 A AC Output Power 22 kW Comsumption <2 W  Comsumption <2 W  Level 1 Level Indicator, card swiping, touch screen  Function design User Interface Emergency stop bottom, LED indicator, card swiping, touch screen  Level Indoor/Outdoor Communication Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place Indoor/Outdoor Working temperature -30° C° +70° C (Output degreaded aboved 50° C) Working temperature -2000m  Environment condition Protection Grade Protection (Source) Protection Grade Protection (Source) Protection Grade Protection (Source) Protection Grade Protection, overload protection, current leakage protection,		Certificate	CE	
Structure Description         Housing Material         Alloy           Cable Routing         Bottom inlet wiring, up outlet wiring           Cable length         Minimum 3 m           Cable length         AC TYPE 2           Input Voltage         3 - phase 380/400           Rated power         22 kW           Rated power         22 kW           AC Output Current         32 A           AC Output Power         22 kW           Comsumption         <2 W           Ver Interface         Emergency stop bottom, LED indicator, card swiping, touch screen           Function design         User Authorization         ISO/IEC14443 Type A & MIFARE RFID card           Communication         Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS           Roylication place         Indoor/Outdoor           Working temperature         -30° C ~ +70° C (Output degreaded aboved 50° C)           Working humidity         5% ~ 95% without condensation           Working humidity         5% ~ 95% without condensation           Altitude         <2000m           Cooling         Forced - air cooling           MTBF         100,000 hours           Security design         Over voltage protection, overload protection, current leakage protection,	Structure Description	Dimension WxTxH	25x11x31 cm	
Instalation method		Application scenes	Parking lot / Public charging station	
Cable Routing   Bottom inlet wiring, up outlet wiring     Cable length   Minimum 3 m     Charging outlet   AC TYPE 2     Input Voltage   3 - phase 380/400     Rated power   22 kW     Rated power   22 kW     AC Output Current   32 A     AC Output Power   22 kW     Comsumption   <2 W     Comsumption   <2 W     Comsumption   <2 W     Communication   Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS     Application place   Moor/Outdoor     Working temperature   -30° C° +70° C (Output degreaded aboved 50° C)     Working humidity   5% ~95% without condensation     Altitude   <2000m     Altitude   <2000m     ATBF   100,000 hours     Gable Routing accuracy   Level 1     AC Output Service   Level 1     AC Output Current   32 A     AC Output Power   22 kW     AC Output Power   22 kW     Comsumption   Cable   Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indicator, card swiping, touch screen     Communication   Emergency stop bottom, LED indi		Housing Material	Alloy	
Cable Routing   Bottom inlet wiring, up outlet wiring		Instalation method	Mounting	
Charging outlet   AC TYPE 2     Input Voltage   3 - phase 380/400     Input frequency   50Hz/60Hz     Rated power   22 KW     AC Output Current   32 A     AC Output Power   22 kW     Comsumption   <2 W     Ver Authorization   ISO/IEC14443 Type A & MIFARE RFID card     Communication   Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS     Application place   Indoor/Outdoor     Working temperature   -30° C~+70° C (Output degreaded aboved 50° C)     Working humidity   5%~95% without condensation     Altitude   <2000m     Protection Grade   IP54/IK10     Cooling   Forced - air cooling     MTBF   100,000 hours     Security design   Over voltage protection, overload protection, current leakage protection,		Cable Routing	Bottom inlet wiring, up outlet wiring	
Input Voltage 3 - phase 380/400    Input Frequency		Cable length	Minimum 3 m	
Input frequency   SOHz/60Hz		Charging outlet	AC TYPE 2	
Rated power   22 kW		Input Voltage	3 - phase 380/400	
Electrical Spesification  Measuring accuracy AC Output Current 32 A AC Output Power 22 kW Comsumption <2 W  User Interface Emergency stop bottom, LED indicator, card swiping, touch screen  User Authorization ISO/IEC14443 Type A & MIFARE RFID card Communication Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place Indoor/Outdoor Working temperature -30° C~+70° C ( Output degreaded aboved 50° C ) Working humidity 5%~95% without condensation Altitude <2000m  Environment condition Protection Grade IP54/IK10 Cooling Forced - air cooling MTBF 100,000 hours Security design Over voltage protection, overload protection, current leakage protection,	Electrical Spesification	Input frequency	50Hz/60Hz	
AC Output Current 32 A  AC Output Power 22 kW  Comsumption <2 W  User Interface Emergency stop bottom, LED indicator, card swiping, touch screen  User Authorization ISO/IEC14443 Type A & MIFARE RFID card  Communication Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place Indoor/Outdoor  Working temperature -30° C~+70°C ( Output degreaded aboved 50°C )  Working humidity 5%~95% without condensation  Altitude <2000m  Environment condition Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		Rated power	22 KW	
AC Output Power 22 kW  Comsumption <2 W  User Interface Emergency stop bottom, LED indicator, card swiping, touch screen  User Authorization ISO/IEC14443 Type A & MIFARE RFID card  Communication Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place Indoor/Outdoor  Working temperature -30° C~+70°C ( Output degreaded aboved 50°C )  Working humidity 5%~95% without condensation  Altitude <2000m  Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		Measuring accuracy	Level 1	
Comsumption   Comsumption   Comsumption   Comsumption   Comsumption   Comsumption   Comsumption   Comsumption   Communication   Communication   Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS		AC Output Current	32 A	
User Interface   Emergency stop bottom, LED indicator, card swiping, touch screen		AC Output Power	22 kW	
Function design  User Authorization  ISO/IEC14443 Type A & MIFARE RFID card  Communication  Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place  Indoor/Outdoor  Working temperature  -30° C~+70° C ( Output degreaded aboved 50° C )  Working humidity  5%~95% without condensation  Altitude  <2000m  Protection Grade  IP54/IK10  Cooling  Forced - air cooling  MTBF  100,000 hours  Security design  Over voltage protection, overload protection, current leakage protection,		Comsumption	<2 W	
Communication Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS  Application place Indoor/Outdoor  Working temperature -30° C~+70° C ( Output degreaded aboved 50° C )  Working humidity 5%~95% without condensation  Altitude <2000m  Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,	Function design	User Interface	Emergency stop bottom, LED indicator, card swiping, touch screen	
Application place Indoor/Outdoor  Working temperature -30° C~+70°C (Output degreaded aboved 50°C)  Working humidity 5%~95% without condensation  Altitude <2000m  Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		User Authorization	ISO/IEC14443 Type A & MIFARE RFID card	
Working temperature -30° C~+70°C (Output degreaded aboved 50°C)  Working humidity 5%~95% without condensation  Altitude <2000m  Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		Communication	Ethernet, OCPP 1.6, wifi, 3g/4g/GPRS	
Environment condition  Environment condition  Environment condition  Frotection Grade  IP54/IK10  Cooling  Forced - air cooling  MTBF  100,000 hours  Security design  Over voltage protection, overload protection, current leakage protection,	Environment condition	Application place	Indoor/Outdoor	
Altitude <2000m  Protection Grade IP54/IK10  Cooling Forced - air cooling  MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		Working temperature	-30° C~ +70° C ( Output degreaded aboved 50° C )	
Environment condition Protection Grade IP54/IK10 Cooling Forced - air cooling MTBF 100,000 hours Security design Over voltage protection, overload protection, current leakage protection,		Working humidity	5% ~ 95% without condensation	
Cooling     Forced - air cooling       MTBF     100,000 hours       Security design     Over voltage protection, overload protection, current leakage protection,		Altitude	<2000m	
MTBF 100,000 hours  Security design Over voltage protection, overload protection, current leakage protection,		Protection Grade	IP54/IK10	
Security design Over voltage protection, overload protection, current leakage protection,		Cooling	Forced - air cooling	
		MTBF	100,000 hours	
lightening surge protection, etc		Security design	Over voltage protection, overload protection, current leakage protection,	
			lightening surge protection, etc	