Recom Recharge
Smart EV Charger Series

RCM-7.2-SP/ RCM-7.2-SP-CG /
RCM-11-TP/ RCM-11-TP-CG /
RCM-22-TP/ RCM-22-TP-CG

Advantages

- Plug or socket outlet selectable
- Integrated current failure monitoring (30mA AC & 6mA DC)
- Integrated with PEN protection and no earth rod
- Encrypted communication based on TLS
- Indoor and outdoor easy installation
- Integrated RFID function

- Form an intelligent photovoltaic, storage and EV charging energy system through the communication between the smart EV charger and RECOM inverter.
- Remote setting and monitoring with APP and website
- Smart dynamic load balance control
- Set timers to reduce your cost during peak and valley price

TECHNICAL PARAMETERS

Model	RCM-7.2-SP/ RCM-7.2-SP-CG	RCM-11-TP/ RCM-11-TP-CG	RCM-22-TP/ RCM-22-TP-CG
AC Nominal Input			
Phases/Lines	Single phase	Three phase	Three phase
Voltage [V]	230, 1/N/PE	230/400; 3/N/PE	230/400; 3/N/PE
Frequency [Hz]	50/60; ±5	50/60; ±5	50/60; ±5
AC Nominal Output			
Voltage [V]	230, 1/N/PE	230/400; 3/N/PE	230/400; 3/N/PE
Current [A]	32	16	32
Power [kW]	7.2	11	22
Interface			
Wireless Module	Wi-Fi 2.4GHz		
RS485	YES		
RFID	YES		
CT Clamps	x1	x3	x3
General Data			
Housing Material	Plastic/Metal		
Installation Method	Wall-mount		
Wall-mount Bracket	Yes		
Charging Outlet	Type P (Charging cable with plug) / Type S (Socket-outlet)		
Cable Length [m]	6.5 (Type P)		
Operating Temperature [^{0}C]	-30 ~ 50		
Working Humidity [%]	5%~95% without condensation		
Working Altitude [m]	<2000		
Degree of Protection	IP65		
Application Site	Indoor/Outdoor		
Cooling Concept	Natural cooling		
Dimension (WxHxD) [mm]	249*370*155 (for type S) / 265*370*155 (for type P)		
Net Weigth [kg]	7 (for type S) /10.5 (for type P)		
Security Protection			
Multiple Protection	Over/Under voltage protection, Overload protection,Shortcircuit protection, Current leakage protection, Grounding protection, Surge protection, Over temperature protection		
Integral Earth Leakage Protection	Integrated current failure monitoring (30mA AC & 6mA DC)		
Encrypted Communication	TLS		
Safety Standard	IEC 61851-1:2017, IEC 62196-2:2016		
Built-in PEN fault technology	YES		
Warranty [years]	3		

SOLUTION DESIGN

PV

EV Charger

CT/Meter

Grid

Battery

Home Loads

RECOM
TECHNOLOGIES