

MARUIKEL

IRON7

7kW AC EV Charger



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Model	IRON7
Electrical Features	
Rated Power	7kW
Input Voltage	230Vac ($\pm 10\%$); L/N/PE
Input Frequency	50 \pm 1 Hz
Output Voltage	230Vac ($\pm 10\%$); L/N/PE
Maximum Output Current	32A
Standby Static Power Consumption	< 5W @ 230 Vac
Indicator Light	3 Colors LED
HMI	4.3 inch LCD Screen
Charging Method	Plug and Charge/APP Activated Charging
Communication Method	WiFi & Bluetooth (Optional)
Connector Type	Type 2
Structural Features	
Installation Method	Wall-mounted / Standing
Alignment	Lower in and Lower out
Cable Length	5m
Input Line Length	0.6m
Protective Features	
Protective	Over Voltage Protection, Under Voltage Protection, Overload Protection, Over Temperature Protection, Ground Protection, Leakage Protection, Emergency Stop Protection
Environmental Characteristics	
Operating Temperature / Humidity	-30°C ~ +50°C / 5% ~ 95% RH
Storage Temperature / Humidity	-35°C ~ +80°C / 5% ~ 95% RH
Operating Altitude	< 2000m
Protection Degree	IP54 (Vehicle Connector Mated with Holder) IP65 (Vehicle Connector Mated with Cap)
Reliability	
MTBF	100,000H
Aging	The product should be aged at least 2 hours at 50°C \pm 5°C and under full load.
Mechanical Life	6000 Cycles (5 Charge Cycles per Day)
Warranty	2 Years
Certification	
Certification	CE
Safety Standards	IEC 61851-1, EN/IEC 61851-1, IEC 62955, IEC 61851-21-2
Dimensions and Weight	
External Dimensions	368x256x123mm
Product Weight	<4.7kg