

AC Whitelabel Wallbox – Datasheet

Electrical specifications	
Nominal current	16A, 32A
Nominal voltage	230V/400V
Phases	Singlephase/3-Phase
Grid types	TN/TT/IT
Overvoltage protection	III
Protection class	I
Stand-by power consumption	<1W
Residual current detection DC	6mA
Technical features	
Vehicle communication	PWM (acc. to IEC61851)/ISO15118
Cable length	4,5m/7m
Socket/shutter	yes/yes
HMI	- RGB LEDs - Buzzer
Authentication	- RFID - Plug&Charge (ISO15118) - Autocharge
Network interfaces	- LAN (RJ45) – 10 / 100 Base-TX - WiFi (5Ghz, 2.4Ghz) - WiFi Client / Hotspot simultaneously - LTE CAT 1 / GSM
Backend communication	OCPP 1.6j (2.0.1 in development)
Power meter	Onboard/optional MID certified power meter
Eichrecht compliance	yes
Home energy integration	EEBus, Modbus for external energy meters
Local load management	Via WiFi/Ethernet
Environmental specifications	
IP protection class	IP55
IK protection class	IK10
Dimensions (w x d)	w/o socket outlet 384 x 180mm w/ socket outlet 384 x 209mm
Weight	approx. 3,2 - 4 kg depending on variant (w/o cable)
Operating temperature	-30 °C to +45 °C
Storage temperature	-40 °C to +80 °C
Altitude	w/o meter 3.000m w/ meter 2.000m
Certifications	
	- CE-Conformity - 2014 / 53 / EU Radio Equipment Directive - 2014/35/EU Low Voltage Directive - 2014/30/EU EMC-Directive - 2011 / 65 / EU RoHS Directive - 2001 / 95 / EG General Product Safety - 2012 / 19 / EU Waste Electrical and Electronic Equipment Directive - 1907/ 2006 REACH - VO (EU) 2016/679 GDPR-Regulation