

BTC POWER

L2 AC Wallbox Charger (48A and 80A) Spec Sheet



L2 AC Wallbox Charger INSTALLATION AND USER'S MANUAL

EQUIPMENT DESCRIPTION

PARAMETER	SINGLE 48A	SINGLE 80A	DUAL 48A
AC INPUT			
Input Voltage	208~240Vac	208~240Vac	208~240Vac
Power Distribution	L1+L2+PE	L1+L2+PE	L1+L2+PE
POWER OUTPUT			
Output Power	11.5kW	19.2kW	23kW
Output Current	48A	80A	48A*2
USER INTERFACE			
Display	10.1 inch, 7inch		
User Authorization	Plug and Charge; RFID; POS		
Back-end Support	OCPP1.6JSON		
Display Information	Charging process and status Charging station status information		
COMMUNICATION			
External	Ethernet/4G/WIFI		
Internal	CAN bus/RS485		
SECURITY PROTECTION			
• Overload protection • Short circuit protection • Leakage protection • Input over/under voltage protection • Output overcurrent protection • Over Temperature Protection • Lightning protection • Anti-rust protection • Emergency stop protection • AC contactor detection • Grounding detection			
OPERATING CONDITIONS			
Operating temperature	-30°C to 50°C (-22°F to 122°F)		
Storage	-40°C to 85°C (-40°F to 185°F)		
Relative humidity	5%~95% relative humidity, non-condensing		
Altitude	≤2000m (6560 ft)		
REGULATIONS			
Certification	UL2594, UL2231-1/-2		
EMI/EMC	FCCPart15B		
Charging port 1	SAEJ1772 Type1 Plug or Tesla NACS		SAEJ1772 Type 1 Plug
Charging port 2	Tesla NACS		

Specifications are subject to change without prior notice.

PARAMETER	SINGLE 48A	SINGLE 80A	DUAL 48A
EQUIPMENT SPECIFICATIONS			
Weight (typical)	12 kg	14.5 kg	16 kg
Charging Cable Length	25 ft max		
Cool Down	Natural Cooling		
Protection Level	Type 4		
Shockproof	IK10		
Protocol	ISO15118 & DIN-70121		

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