



alfaCharge AC smart charger 3.7kW, 16A, 1Ph, 230VAC, 5m cable with type 2 connector. 4G, Ethernet, Bluetooth, RS485, MID meter. RFID MIFARE. LCD with push buttons, mobile application. 55 Degree

Electrical parameters	
Part number	ALFA37CSR
Range	alfaCharge
Charging Mode	Mode 3 according to IEC 61851-1
Supply voltage (input)	230V 1Ph+N+PE
Frequency	50/60Hz
Power output	3.7 kW, 16A (1ph)
Power adjustability	Yes
network connection	1PH
Connector type	Type 2 Connector As per SASO / IEC Standard
Inbuilt protection	"DC leakage detector (6mA) Relays for overcurrent protection"
Overvoltage category	Cat. III
Energy meter	Class B (A) 2 (R) EN 50470-3.
Standby consumption	< 1.5 W per phase
Supply terminals	Screw (double)
Cable feed	Bottom / Backside
User interface	
Connectivity	LTE, Ethernet, Bluetooth, RS485
User authentication	RFID MIFARE card reader
User interface	Mobile app LCD screen Display LCD 22 x 70 mm
Status indication	4 push buttons
Communication protocol	OCPP 1.6J (upgradable)
Connection ports	Modbus RTU
Mechanical parameters	
Protection degree	IP54, IK10
Installation	Indoor Outdoor
Insulation	Class I (earth terminal)
Enclosure Material	Plastic
Mounting	Wall or ground
Operation temperature	From -25°C to +55°C
Storage temperature	85°C
Product dimensions	332x229x86 mm
Package dimensions	410x280x230 mm
Weight	< 2.5 kg
Altitude	<2000m
Relative humidity	5-95%
Certificates	
Standards	IEC 61851-1, IEC 61851-21-2, IEC 60068-2-30, IEC 60068-2-1