

X30100S1

30kW Charging Modules

APPLICATIONS

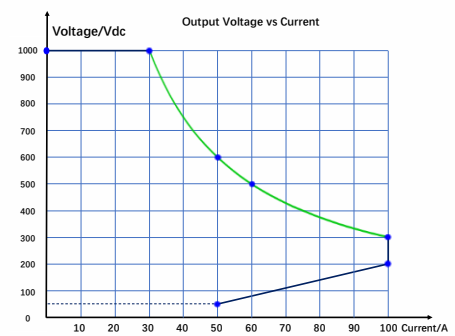
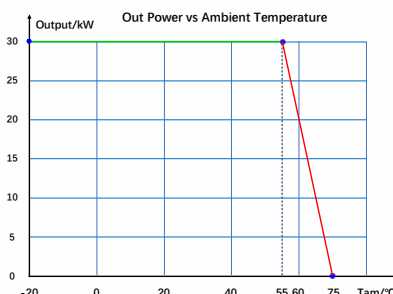
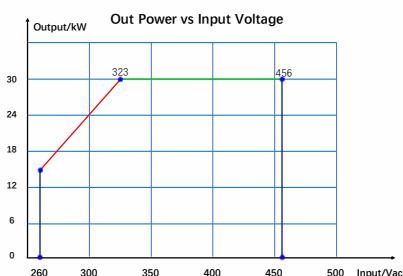
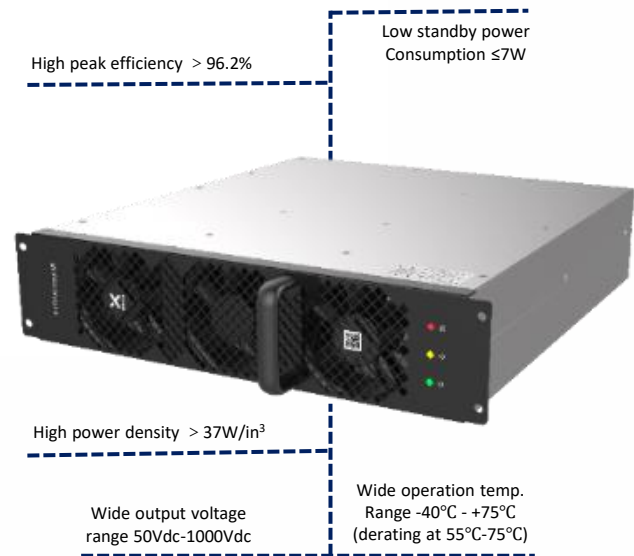
- ✓ Wallbox Chargers
- ✓ Stand Alone Chargers
- ✓ Group Charging Systems
- ✓ Swapping Stations

PRODUCT INTRODUCTION

X30100S1 The smart AC/DC charging module is designed for high power EV charging equipment, applied the world's latest power electronic control topology, with good performance and power density, achieves high efficiency, wide output voltage range to meet today and future EV charging requirement, wide operation temperature range makes it can be applied in hot weather, thorough gel filled technology ensures higher protection.

KEY FEATURES

- ✓ Gel filled ensures stronger environmental suitability
- ✓ Dynamic protection algorithm provides better protection strategy and higher reliability
- ✓ Lower standby power consumption is as low as 7W
- ✓ 3 phase without neutral eliminates the risk of high neutral currents
- ✓ Built-in voltage discharge circuit



X30100S1 SPECIFICATIONS

Input	Voltage Range	260-456Vac
	Wiring	Three Phase, 3W+PE
	Frequency	50/60Hz
	THDi	3% max Under Nominal Power
	Power Factor	0.99 min at Full Load
	Standby Power	7W max
Output	Voltage Range	50-1000Vdc
	Nominal Power	30kW at 300-1000Vdc
	Max Current	100A
	Short Circuit Protection	Current limit when in output short circuit, auto recovery
	Voltage Regulation	Within +/- 0.5%
	Current Regulation	Within +/- 1%
Communication & Alarm	Communication	CAN
	Parallel Installation	60 Modules max.
	Module Address	Support software setting and hardware setting
Environment	Operation Temp.	-40°C~+75°C (derating from 55°C to 75°C)
	Storage Temp.	-40°C~+85°C
	Relative Humidity	Under 98% RH, non-condensing
	Altitude	Under 2000m with nominal power
General Spec.	Dimension	350*430*84(W*D*H, mm, w/o handle)
	Weight	Under 17kg
	IP Protection	IP20
	Cooling	Force Air
	Noise	Under 65dB at full load @ 25°C

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Disclaimer: The specifications of this catalog is for reference only, the performance of the products may vary from different application scenarios and environment. Product specification is subject to change without prior notice.