

PowerCombi 12/1200-50



Product code: 36211200

Simple. Independent. Flexible.

The PowerCombi is a pure sine wave inverter/charger offering grid quality AC power and battery charging in one low profile design. Designed to be an independent inverter / charger, it yet can easily be integrated into a MasterBus network (with additional interface).

With a built-in transfer switch, 2x surge for 3 seconds and on-site dipswitch programming—the PowerCombi offers simple installation with multiple operating modes, and can charge various battery chemistries—including a custom profile for use with Li-ion.

Full certifications make it perfect for use in RV's, boats, and specialty vehicles. Add a battery temperature sensor (BTS), remote display and a communication interface for custom applications.

Specifications

Specifications battery charger

Input voltage range	10 - 15.5 V
Nominal input voltage	12 V
Max. charge current at 25 °C / 77 °F	50 A DC

Specifications transfer system

Transfer speed	30 A (10ms)
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Communication & monitoring

Communication	MasterBus compatible via PowerCombi MasterBus Interface (part # 77032900)
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General specifications

Flat battery support (minimum charging)	no (6 V)
Continuous power at 25 °C / 77 °F, cos phi 1	1200 W
Continuous power at 50 °C / 122 °F, cos phi 1	1200 W
Surge power (3s)	2400 W
AC voltage / frequency	120 V - 50/60 Hz selectable HF - pure
Idle consumption	25 W
Dimensions, hwxwd	386 x 251 x 116 mm 15.2 x 9.9 x 4.6 inch
Weight	4.55 kg 10.0 lb
Approvals	UL458 & Supplement SA/CSA C22.2, UL 1741 no. 107.1-01KKK-A-1822F (pending, specifications subject to change)

Technical specifications

Battery types	flooded, Gel, AGM, custom
Temperature range (ambient temp.)	-20 °C to 60 °C -4 to 140 °F