



Power Inlet & Outlet Boxes

30 Amp Generator Power Inlet Box, NEMA L5-30P

Generator Inlet Box - NEMA L5-30P male inlet, locking, 30 Amp 125 V
This inlet box takes a NEMA L5-30P plug, the three-wire 30 amp 125V locking connector. Live, neutral and ground go through the wall to the panel, and the locking ring holds the generator cord in place.
It is the single-voltage version of the 30 amp inlet: one 125V leg, no second hot. That suits a generator feeding lighting, outlets, a fridge, a sump pump or a furnace blower, and it is the cheaper box to wire because only three conductors leave it.

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Specifications

Label	Value
Product Name:	30 Amp Generator Power Inlet Box, NEMA L5-30P
Product Type:	Generator Inlet Box
Connector Configuration:	NEMA L5-30P male inlet, locking
Maximum Current:	30 Amp
Voltage Rating:	125 V
Number of Poles and Wires:	2-pole 3-wire
Overcurrent Protection:	Not fitted. The circuit protection stays in the panel or transfer switch the box feeds
Enclosure and Cover:	Powder-coated steel enclosure, spring-hinged weatherproof cover, pre-drilled mounting holes and plugged cable entries
Enclosure Material:	Powder-Coated Steel, Weatherproof Cover
Contact Material:	Nickel-Plated Brass, Pure Copper Conductive Parts
Safety Approvals:	ETL listed
Environmental Certifications:	RoHS, REACH, PAHS compliant
Color:	As shown; custom colors available on request
Testing:	Hi-Pot (Dielectric Withstand), Polarity (Pinout) and Continuity
Customization:	OEM / ODM; custom colors, packaging and labeling available
Country of Origin:	Made in China
Packing:	Standard Export Carton

Typical Applications

Cabins and small houses on a 120V standby generator, food trucks, market stalls and workshops where the load list is all 120V.
Any 30 amp generator with an L5-30R outlet matches it directly.

Before You Wire It

Do not order this one if anything on the standby list needs 240V. A water pump, a welder or a dryer on 240V needs the four-wire L14-30 inlet instead, and the two boxes are not interchangeable.

Check the generator outlet first: L5-30R at the generator and L5-30P at the box, and a cord rated for 30 amp. The cover has to close over the plug while the set is running, so site the box where the cord can hang without pulling on the collar.

Ordering Notes

ETL listed. Samples are available, production runs start at 200 to 1000 pieces with 15 to 20 working days after the order and artwork are confirmed, and private label covers the enclosure label and the packing.

Our other certificated products



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