

FRONIUS DC BOX 60/12

/ String collection box for up to twelve module strings

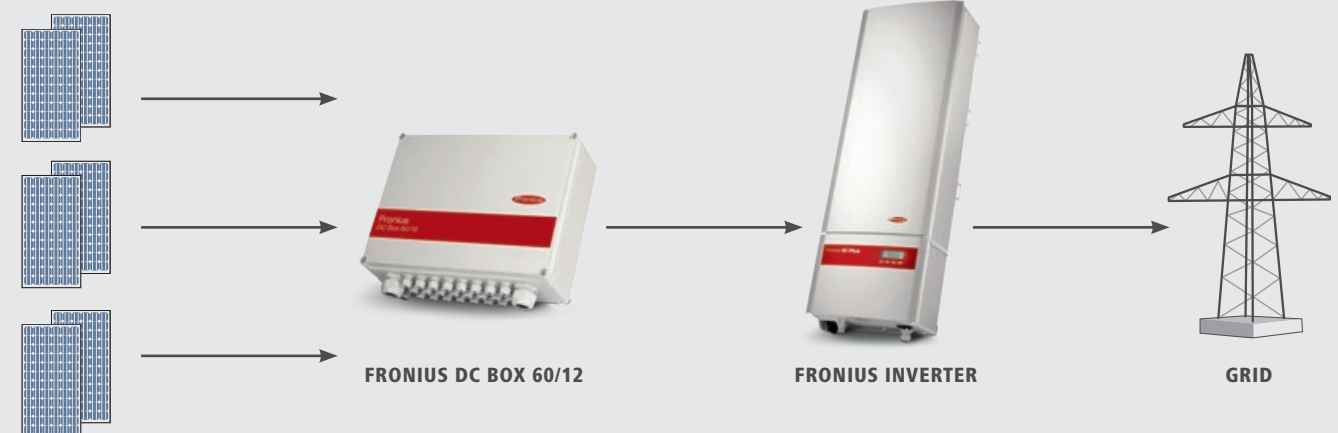


/ The Fronius DC Box 60/12 collects up to twelve module strings with a total current of max. 60 A. In addition to string collection, the integrated fuses also protect the module array. The Fronius DC Box 60/12 also allows a type 1 or 2 over-voltage protection component, designed for standard rail mounting, to be installed.

FRONIUS DC BOX 60/12

TECHNICAL DATA	
Max. number of strings	12
Max. input current	60 A
Max. input current per string	20 A
Max. input voltage	850 V
Connections (DC in)	Terminals, 2,5 – 6 mm ² (with max. cable diameter of 10 mm ²)
Connections (DC out)	M10 cable lug, max. 95 mm ²
Ambient temperature range	-25 – +55 °C
Degree of protection	IP 65
Size (height x width x depth)	300 x 400 x 132 mm
Weight	3.8 kg

CONFIGURATION DIAGRAM



PV GENERATOR

— Power path

THE BENEFITS OF THE FRONIUS DC BOX 60/12 IN DETAIL

/ Bundling of up to twelve module strings

The Fronius DC Box 60/12 collects up to twelve strings at a total current of up to 60 A. String collection is particularly beneficial when larger distances between the PV module and inverter are involved, or where there is a larger number of strings.

/ Module array fuse protection

The use of string fuses means that the Fronius DC Box 60/12 also helps to protect the module array from high reverse currents.

/ The Fronius DC Box 60/12 was developed specially for use with three-phase Fronius IG Plus inverters, however it is fully compatible with all other Fronius inverters.

/ Outdoor installation

IP 65 degree of protection makes the Fronius DC Box 60/12 ideal for outdoor use. No additional wall bracket is required.

/ Connection option for a DIN rail-mounted overvoltage protector

The Fronius DC Box 60/12 features a connection option for a DIN rail-mounted overvoltage protector. Either the type 1 (direct lightning protection) or type 2 (indirect lightning protection) component can be installed.

/ Perfect Welding / Solar Energy / Perfect Charging

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/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible - our record of over 1,000 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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