

Combiner and Fuse Boxes

DC Combiner Boxes

Innomatic string combiner boxes for AC / DC coupled backup and Grid-tied photovoltaic systems:



- PV string / combiner boxes
- Rated voltages: 130, 280, 600, 800 & 1000 VDC
- Surge protection: T2 or T1+T2
- Pos. + Neg. string fuses 1000 VDC
- Input: 2, 4 or 6 strings
- Output: 1, 2 or 3 MPPT circuits
- DC circuit breaker 25 – 125 Amp.
- IP 65 rated enclosure (IP 67 Cable glands or MC4 sockets)

Positive and Negative String fuses

DC Combiner Box Layout	1x2 In / 1 x MPPT	1x4 In / 1 x MPPT	1x6 In / 1 x MPPT	1x2 In / 2 x MPPT
Part Number	DC01-02FF-011-*	DC01-04FF-011-*	DC01-06FF-011-*	DC01-01FF-012-*
DC Combiner Box Layout	1x2 In / 2 x MPPT	1x4 In / 2 x MPPT	1x2 In / 3 x MPPT	1x4 In / 3 x MPPT
Part Number	DC01-02FF-012-*	DC01-04FF-012-*	DC01-02FF-013-*	DC01-04FF-013-*
* Voltage rating: 4 = 800 VDC, 5 = 1000 VDC				

Positive and Negative String fuses

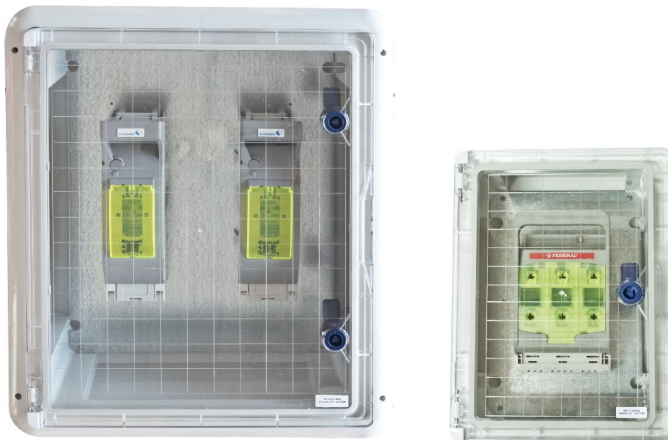
DC Combiner Box Layout	1x2 In / 1 x MPPT	1x4 In / 1 x MPPT	1x6 In / 1 x MPPT
Part Number	DC02-02FF-011-*	DC02-04FF-011-*	DC02-06FF-011-*
* Voltage rating: 1 = 150 VDC, 2 = 250 VDC, 3 = 600 VDC, 4 = 800 VDC, 5 = 1000 VDC			

* Other configurations on request.

Battery Fuse Boxes

The battery fuse boxes protects and isolates the connected inverters from the batteries.

1 x 3 pole for single phase and 2 x 3 pole fuse isolators for 3 phase systems are mounted in an IP 55 enclosure.



- Rated current from 125, 160, 200 and 250 Amp
- Cable connections: max. 70 mm² / 95 mm²
- Supplied with cable glands for 12-21 / 21-30 mm² cable diameter

Positive and Negative String fuses with DC isolator

Battery Fuse Box Layout	1 x 3 Pole NH 00 Fuse base (2 x Fuses)	2 x 3 Pole NH 00 Fuse base (6 x Fuses)	1 x 3 Pole NH 1 Fuse base (2 x Fuses)	2 x 3 Pole NH 1 Fuse base (2 x Fuses)
Part Number	BAT00-01FF-*	BAT00-03FF-*	BAT01-01FF-*	BAT01-03FF-*
* Current rating: 125A, 160A			* Current rating: 200A, 250A	

* Other configurations on request.