



# Fronius Verto Plus



## SIMPLIFIED DATASHEET - FRONIUS VERTO PLUS

Download the full datasheet at [www.mce.solar/VertoPlusDatasheet](http://www.mce.solar/VertoPlusDatasheet)



Learn why Fronius  
inverters are better:  
[mce.solar/is-Fronius-better](http://mce.solar/is-Fronius-better)

| GENERAL DATA   | 15 kW  | 17.5 kW  | 20 kW | 25 kW     | 30 kW    | 33.3 kW |
|--|--|----------|-------|-----------|----------|---------|
| Dimensions (height x width x depth)                        | 865 x 574 x 279 mm                                 |          |       |           |          |         |
| Weight (without packaging)                                 | 43 kg  |          |       |           |          |         |
| Installation   | Indoor and outdoor installation                    |          |       |           |          |         |
| Cooling  | Regulated air cooling                              |          |       |           |          |         |
| Noise emissions  | < 50.3 dB  |          |       | < 56.7 dB |          |         |
| Communications   | WiFi / Ethernet                                    |          |       |           |          |         |
| Producing country  | Austria  |          |       |           |          |         |
| Compatible batteries                                       | Fronius Reserva, BYD Battery-Box Premium HVS / HVM |          |       |           |          |         |
| Warranty   | 10 years   |          |       |           |          |         |
| INPUT DATA   |  |          |       |           |          |         |
| Number of MPPT trackers                                    | 3  |          |       |           |          |         |
| Max. usable input current per MPPT ( $I_{dc\ max\ MPPT}$ ) | 28 A   |          |       |           |          |         |
| Max. array short circuit current ( $I_{sc\ pv,\ MPPT}$ )   | 50 A   |          |       |           |          |         |
| DC input voltage range ( $U_{dc\ min} - U_{dc\ max}$ )     | 150 - 1,000 V                                      |          |       |           |          |         |
| Feed-in start-up voltage ( $U_{dc\ start}$ )               | 150 V  |          |       |           |          |         |
| Max. usable DC power - MPPT                                | 13 kW  |          |       |           |          |         |
| Max. array size  | 22.5 kW  | 26.25 kW | 30 kW | 33.25 kW  | 39 kW    | 39 kW   |
| BATTERY CONNECTION   |  |          |       |           |          |         |
| Nom. full backup output power                              | 15 kW  | 17.5 kW  | 20 kW | 25 kW     | 29.99 kW | 33.3 kW |
| Nom. full backup phase power                               | 7.3 kW   |          |       | 11.1 kW   |          |         |
| Switching time   | ~ 11 sec   |          |       |           |          |         |