



## GRIDCONN 250

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|--|---|--|
| <b>Power</b>   | ; | <b>250kW (312,5kVA)</b>  |
| <b>Connectable battery power</b>                     | ; | <b>2 to 10 Battpack 50 (100kWh to 500kWh)<br/>1 to 5 Battpack 100 (100kWh to 500kWh)</b>   |
| <b>Output frequency (selectable)</b>                 | ; | <b>50Hz or 60Hz</b>  |
| <b>Output voltage (selectable)</b>                   | ; | <b>380V, 400V, 415V, 440V or 460V</b>  |
| <b>Power factor</b>                                  | ; | <b>Approx. 0,99 while connected to grid.</b>   |
| <b>Inrush current connecting to grid</b>             | ; | <b>&lt; 30% x Inom</b>   |
| <b>Efficiency</b>                                    | ; | <b>Approx. 95%</b>   |
| <b>Suitable for connection to grid</b>               | ; | <b>Yes</b>   |
| <b>Suitable for island network</b>                   | ; | <b>Yes, units can work in parallel</b>   |
| <b>Suitable for UPS (uninterrupted power supply)</b> | ; | <b>Yes, additional 3-way switch required</b>   |
| <b>Suitable for renewable energy buffering</b>       | ; | <b>Yes, additional external current sensor required</b>  |
| <b>Standard functions</b>                            | ; | <ul style="list-style-type: none"> <li>- Grid stabilisation (2-direction)</li> <li>- Power boost (2-direction)</li> <li>- External power flow sensing</li> <li>- Trading (via communication with trader)</li> <li>- Time dependent (2-direction)</li> <li>- Others on request</li> </ul> |
| <b>Dimensions</b>                                    | ; | <b>2000mm x 2600mm x 2400mm (WxHxD)</b>  |
| <b>Weight</b>  | ; | <b>Approx. 4000kg</b>  |
| <b>Transport</b>                                     | ; | <b>No restrictions<br/>Hoist using 4 hoisting points on topside<br/>With forklift truck at each side<br/>With standard lorry truck</b>   |
| <b>Stackable</b>                                     | ; | <b>No</b>  |
| <b>Protection degree</b>                             | ; | <b>IP44; suitable for indoor and outdoor use</b>   |
| <b>Ambient temperature</b>                           | ; | <b>-20°C to 50°C (auto-derate at too high temp). No frost allowed.</b>   |
| <b>Several</b>                                       | ; | <ul style="list-style-type: none"> <li>- Battpacks can be (dis-)connected without stopping the Gridconn</li> <li>- Unit can be wrapped according to clients request</li> </ul>   |