



GRIDCONN 100

Power	;	100kW (125kVA)
Connectable battery power	;	1 to 4 Battpack 50 (50kWh to 200kWh) 1 to 2 Battpack 100 (100kWh to 200kWh)
Output frequency (selectable)	;	50Hz or 60Hz
Output voltage (selectable)	;	380V, 400V, 415V, 440V or 460V
Power factor	;	Approx. 0,99 while connected to grid.
Inrush current connecting to grid	;	< 30% x Inom
Efficiency	;	Approx. 95%
Suitable for connection to grid	;	Yes
Suitable for island network	;	Yes, units can work in parallel
Suitable for UPS (uninterrupted power supply)	;	Yes, additional 3-way switch required
Suitable for renewable energy buffering	;	Yes, additional external current sensor required
Standard functions	;	<ul style="list-style-type: none"> - Grid stabilisation (2-direction) - Power boost (2-direction) - External power flow sensing - Trading (via communication with trader) - Time dependent (2-direction) - Others on request
Dimensions	;	2000mm x 1300mm x 2400mm (WxHxD)
Weight	;	Approx. 2500kg
Transport	;	No restrictions Hoist using 4 hoisting points on topside With forklift truck at each side With standard lorry truck
Stackable	;	Yes, max two units
Protection degree	;	IP44; suitable for indoor and outdoor use
Ambient temperature	;	-20°C to 50°C (auto-derate at too high temp). No frost allowed.
Several	;	<ul style="list-style-type: none"> - Battpacks can be (dis-)connected without stopping the Gridconn - Unit can be wrapped according to clients request