C&I

Energy Storage System

125/261kWh

REGITEC

- Scalable up to +5.22MWh +20 (Parallel) on-grid
- Can work together with an existing solar- and/or wind installation
- Quality LFP cells
- Peak shaving
- Spot market and imbalance trading ready
- Energy saving

- Pre-assembled design, easy to install
- Higher system efficiency
- High reliability key devices approved by TUV and IEC
- Climate controlled battery system
- Multi level battery protection
- Fire suppression system build in
- Water sensor, pressure relief valves and storz connection are build in
- Can work in various grids of 400V,480V,690V and 800V

REGITEC

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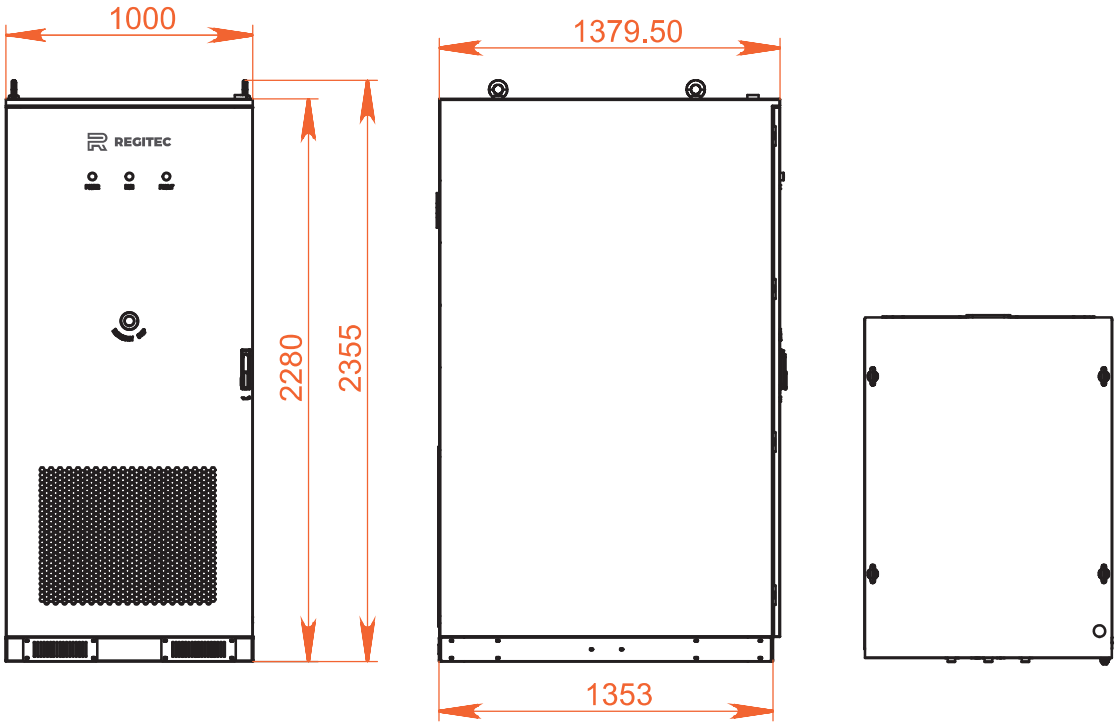
Technical parameters

C&I 125kW/261kWh

Model	125kW/261kWh
Battery specifications	
Nominal capacity (kWh)	261
Usable capacity (kWh)	235
Nominal battery system voltage (V)	832
Battery system working voltage range(V DC)	728~936
Nominal battery current (A)	157
Maximum battery current (A)	200
PCS (AC) specifications	
Rated power (kW)	125
Maximum power (kVA)	137.5
Rated voltage (V)	400
Wiring method	3L+N / PE
Rated voltage range(V)	-15%~+10%
Rated current (A)	180
Maximum current (A)	198
Rated AC frequency (Hz)	50/60
Power factor	0.99/-1~+1
Max. total harmonic distortion	<3% @Rated output power
General data	
Dimensions (mm)	1000W*1350D*2230H
Weight (kg)	2500
Protection Degree	IP54
Anti-corrsion Level	C3
Discharging temperature range (°C)	-25~55
Relative Humidity (%)	5~95 (non-condensing)
Operating Altitude (m)	<3000 derating@ >2000
Max. Connection Number	+20 on-grid
Cooling	liquid + forced air cooled
Noise Level (dB)	<80
Communication	CAN, RS485, WiFi/LAN (Optional)
Compliance	
IEC62109, IEC62116, VDE4105, VDE0126, AS4777, RD1699, NBR16149, IEC61727, IEC60068, IEC61683, EN50549, C10/11, EN61000, NRS097-2-1, IEC/EN 62477-1	
Protection	
AC Short-circuit protection, AC Over-voltage protection, AC Over-current protection, DC surge protection, DC Over-voltage protection, DC Over-current protection, Over-temperature protection, etc	

* Testing conditions based on temperature 25°C
* Nominal Energy/Usable Energy measured under specific conditions from REGITEC 0.5C CC-CV
* Specifications are subject to change without further notification