C&I

Energy Storage System

125~210kW/418kWh

REGITEC

PREMIUM QUALITY

Scalable up to +8.36MWh
+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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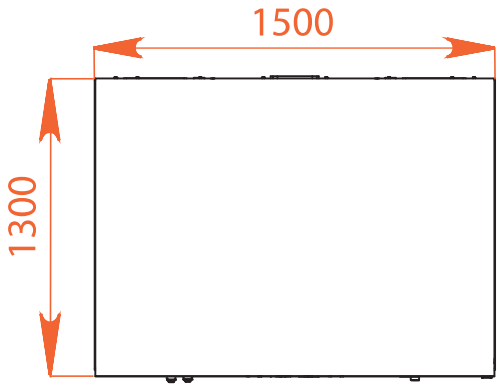
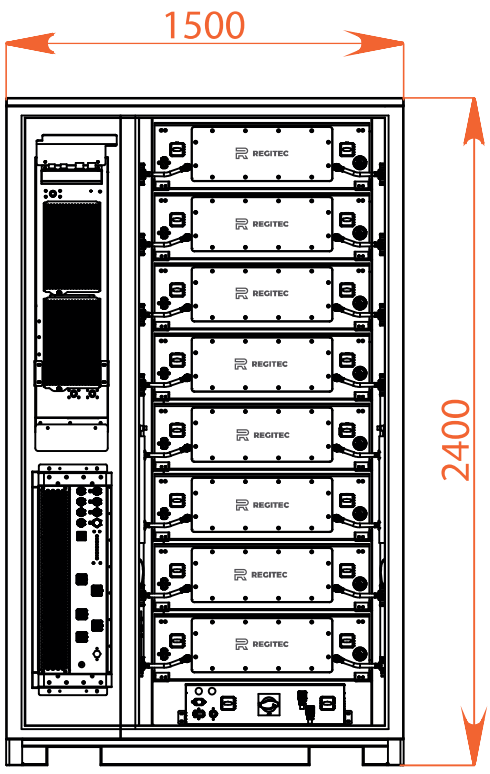
Technical parameters

C&I 125~210kW/418kWh

Model	125kW/418kWh	150kW/418kWh	210kW/418kWh	210kW/418kWh
Battery specifications				
Nominal capacity (kWh)	418			
Usable capacity (kWh)	376.2			
Nominal battery system voltage (V)	1331.2			
Battery system working voltage range(V DC)	1164.8~1497.6			
Nominal battery current (A)	157			
Maximum battery current (A)	200			
PCS (AC) specifications				
Rated power (kW)	125	150	210	210
Maximum power (kVA)	137.5	165	237	237
Rated voltage (V)	400	480	690	800
Wiring method	3L+N / PE		3L / 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)	1500W*1300D*2400H			
Weight (kg)	3800			
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				
EN50549-1, EN50549-2, IEC62619, IEC63056, IEC61727, EN61000-6-2/4, 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