



Inbox Energy 215 kWh Unit

Cell Unit Parameters

Description	Specifications
Battery types and materials	LiFePO4
Rated voltage/capacity	3.2 V 280 Ah
Single battery voltage range	2.5 V ~ 3.65 V
Single battery weight	5kg
Battery internal resistance	<0.6mΩ
Battery cell size	173×74×113mm (LxWxH)

Battery module

Rated voltage	64 V
Rated capacity	280 Ah
Battery pack voltage range	50 V ~ 73 V
Total Energy	~17.92 kWh
Combination	1P20S
Operating temperature	-20 ~ 45°C
Standard charging current	≤140 A
Standard discharging current	≤140 A
Battery module size	440×866×225mm (LxWxH)
Installation method	Rack mounted
Communication	RS485/CAN/Ethernet

Battery Cluster

Description	Specifications
Battery Voltage	384 V
Battery Capacity	560 AH
Battery Energy	215 kWh
Battery module quantity	12pcs

Hybrid Inverter with EMS

Rated Output Power	100 kW
AC Voltage	220/380 VAC ~ 230/400 VAC
AC Frequency	50 HZ / 60 HZ (Auto sensing)
AC Current	145 A (72.5 A * 2)
Output THDI	<3%
AC PF	-1 ~ +1
Grid Connection Form	3L+N+PE
Max PV Input Power	130 kW
Max PV Input Voltage	1000 VDC
PV Start-up Voltage	180 VDC
MPPT Voltage Range	150-850 VDC
No. of MPP Trackers/ No. of String Per MPP Tracker	(4/2+2+2+2) * 2

Physical

A/C	Cooling 3 kW Heating 2 kW
Fire Fighting Capacity	160g / 1.6m ³
Enclosure	IP65
Size	2100*1600*2200mm
Weight	~3000kg
System Efficiency	98.50%
Noise Level	<65dB
Altitude	3000m
Humidity Range	0-100%



Product Photos



215 kWh Unit

2100*1600*2200mm



Inboxenergy Europe B.V.
+31(0)548-512770
info@inboxenergy.eu
Kryptonstraat 9, 7463 PB
Rijssen, NL