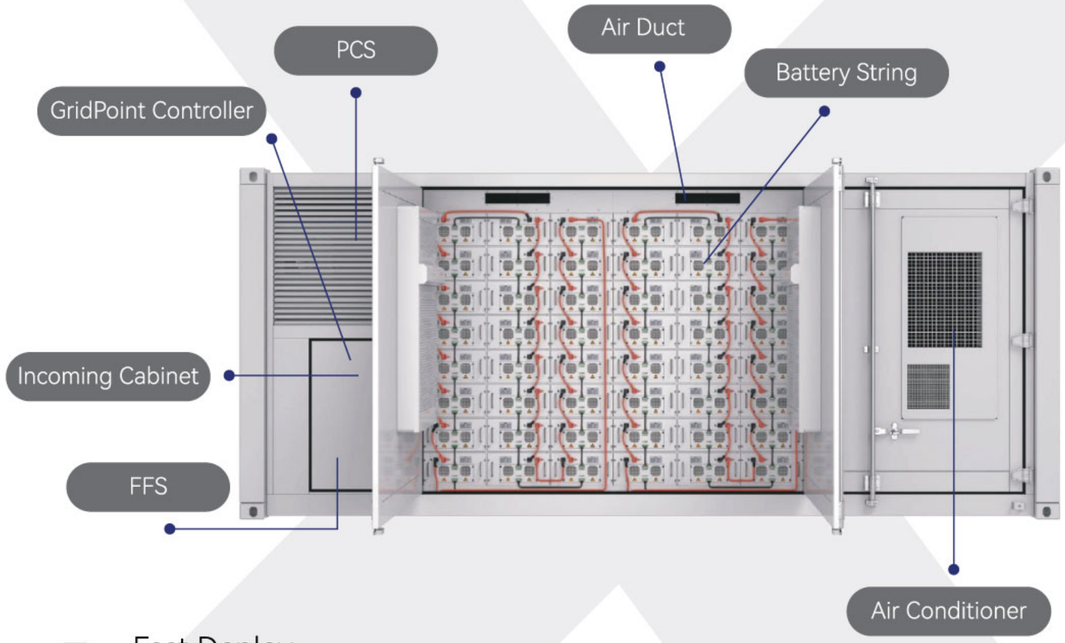
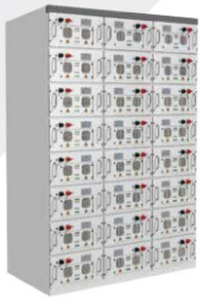
nRuiT
ENERGY SYSTEMS

20C2H1000K-6S373-24P14

- Container Size
- Minimum Charge Time
- PCS Power
- Quantity of Battery String
- Battery String
- Quantity of Pack
- 14kWh Pack

CONTAINER ESS 1000KW/2064KWH





Fast Deploy

Container can be quickly deployed, easy for transport and install, can lowered the infrastructure and construction cost and shorten the construction time.

High Safety Level

Comprehensive and multi-level battery protection strategies and troubleshooting measures are in place.

Smart Configuration

The container can be paired the with photovoltaic farm,wind turbine farm, electric grid, etc. It is a large multi-function smart energy storage station.

Modular Design

Various units can be easily combined together to satisfy the electricity needed by your business.

Product Model	Battery String Type	Nominal Capacity	DC Voltage	Number Of Strings	Grid-Connected Voltage	Dimensions (WDH mm)
20C2H600K	S373-24P14	1,376kWh	1,075.2V ~ 1,363.2V	4	690V	6,058x2,438 x2,591mm
20C2H800K		1,720kWh		5		
20C2H1000K		2,064kWh		6		

Battery String	
Battery Module	S373-24P14(Max S373-26P14)
Pack QTY	24(Max 26)
Rated Capacity	344.06kWh(Max 372.736kWh)
Rated Voltage	1,228.8V
DC Voltage Range	1,075.2V~1,363.2V
Pack	51.2V/280Ah@1P16S
Communication	Ethernet, CAN, RS485
Life Span	>5,000 cycles, 25℃
Dimensions (W×D×H)	1,440×750×2,150mm
Weight	2,922kg
Certifications	UL1973, UL9540A, IEC62619, CE , UN38.3



Power Conversion System			
Item	20C2H600K	20C2H800K	20C2H1000K
DC Voltage Range	1000~1,500V		
Max. DC Current	224.5A*4	224.5A*5	224.5A*6
Rated Output Power	200kW*4	200kW*5	200kW*6
Rated Grid Voltage	690V		
Grid Voltage Range	-15%~+10%		
Grid Frequency	50Hz/60Hz		
Max. AC Current	184.1A*4	184.1A*5	184.1A*6
AC PF	0.1~1leading or lagging(Controllable)		
Weight	100kg*4	100kg*5	100kg*6
Certifications	UL1741, IEEE1547, IEC62477-1, IEC61000		



GridPoint Controller (GPC)	
Power Interface	AC220V/DC24V
Communication	Modubus RTU、Modubus TCP
Relay	24 stem node input / output
Network Control Application	Peak shifting and valley filling, peak cutting, smoothing renewable energy output curve
Offline Control Application	Backup power supply, PV/DG/EV/ESS integrated micro-grid control