

## iHouse 20ft - 1MW/2.15MWh

### ALL IN ONE ENERGY STORAGE SYSTEM

#### Enhanced Safety

- High efficiency ESS system design based on project experiences to minimize risks like overheating and leakage
- Ensuring safer operations across a variety of applications

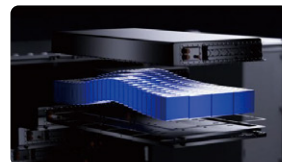


#### Long Service Life

- Advanced 280Ah Top A level cell
- Integrated high-efficiency liquid-cooling system

#### High Integration

- Integrated PCS, BATTERY SYSTEM, TMS, FES into one container
- Pre-assembly installation, reducing on-site installation costs and commissioning time



**35%**   
Floor print

### Applicable to all climate scenarios



IP54 protection level

Optional C5 anti-corrosion level

The safe and reliable operation of the entire system for 20 years.

Product Model	iHouse 20ft-C Series
DC Side Data	
Cell Type	LFP
Cell Capacity	280Ah
Rack Energy	215kWh
Rack Configuration	1P240S
System Configuration	10P240S
Rated Energy	2.15MWh
Rated Voltage	768VDC
Voltage Range	672~ 864VDC
Max Charging/Discharging Current	1400A
AC Side Data	
Rated AC Voltage	400V/230V
Max. AC Current	1600A
AC Output Power	1MW
Seamless Switch at Black time	Optional
Grid Frequency	50Hz/60Hz
Overload Capacity	1.1 times rated power 10min
Power Factor	-1(lead)~1(lag)
THD Rate	<3% (at rated power)
System Side Data	
TMS	Battery: Liquid cooling, AC: Air cooling.
Fire Protection System	Aerosol
Communication Protocol	CAN, Modbus/TCP
Size	2896mm(H)*2438mm(D)*6058mm(W)
Weight	~25t
IP Level	IP54
Environment condition	
Charge Temperature Range	- 20°C~50 °C
Discharge Temperature Range	- 20°C~50 °C
Storage Temperature Range	- 30°C~60 °C
Corrosion Resistance	C3 (C4/C5 Option)



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Dowell Technology Co., Ltd  
[www.dowellelectronic.com](http://www.dowellelectronic.com)  
[sales@dowellelectronic.com](mailto:sales@dowellelectronic.com)