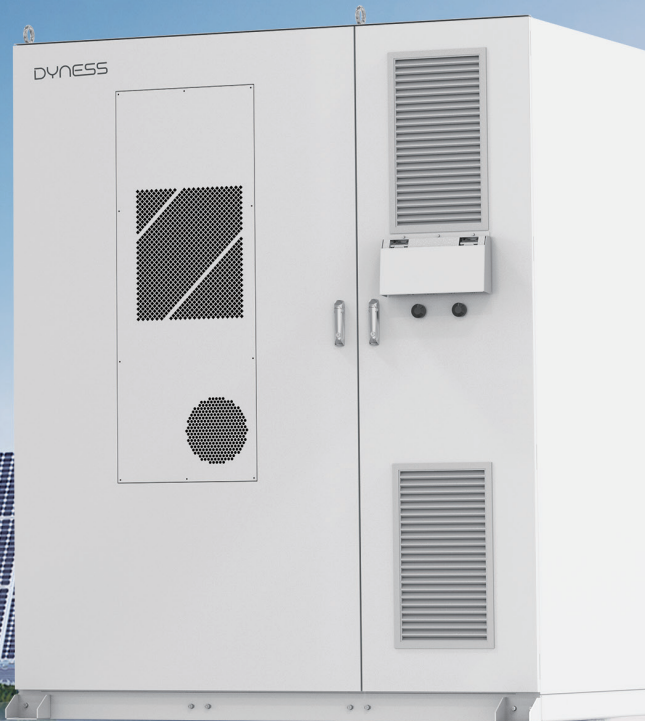


# DH200F

The DH200F features an integrated multi-functional design that supports PV access, on-grid to off-grid switching, covering the whole scenario of photovoltaic, storage and diesel generator. It supports a maximum of 12 machines in AC parallel and can be expanded to 2.58MWh. Support equipped with intelligent and efficient STS, the switching time between on-grid and off-grid is less than 20 ms, ensuring a stable power supply.



## Flexible Expansion

Maximum support for 12 machines in AC parallel, expandable to 2.58MWh; reserved DC expansion interface.



## Safe & Reliable

A Prevention-Oriented fire protection strategy featuring three levels of detection, multiple extinguishing agents, and EMS intelligent judgment.



## Stabilized Power Supply

Equipped with intelligent and efficient STS, the off-grid switching time is less than 20 ms (optional).



## IP55+C3

Resistant to outdoor installation with strong environmental adaptability.



## Structural Innovation

The unique air duct design features a shoulder-to-shoulder flexible layout, resulting in high space utilization.



## Full Scenario

Supporting PV access, transitioning from on-grid to off-grid, and encompassing the entire spectrum of PV systems and energy storage

# SPECIFICATION

Model		DH200F
Battery		
Battery Type	LFP (LiFePO4)	
Battery Capacity	280Ah	
PACK Configuration	1P16S	
PACK Quantity	15 PACK/Cluster	
Rated Current	140A	
Max. Current	160A	
Voltage Range	672~864Vdc	
Nominal Capacity	215kWh	
AC (On-grid)		
Rated Power	100kW	
AC Maximum Current	167A	
AC Rated Voltage	400Vac	
Wiring Method	3P4L+PE	
Frequency	50Hz/60Hz	
Power Factor	1(Leading)~1(Lagging)	
THDi	≤3% （Rated power）	
Max. Number Of Parallel Expansions	12	
AC(Off-grid)		
Rated Power	100kW	
AC Rated Voltage	400Vac	
AC Maximum Current	167A	
Wiring method	3P4L+PE	
Frequency	50Hz/60Hz	
Unbalanced Load	100%	
THDv	< 3% (Liner load)	
Max. Number Of Parallel Expansions	5	
Photovoltaic		
Max. Input Power	50kW (Power 1.1 times overload)	
Max. Input Current	100A	
Short-circuit Current	150A	
Max. Voltage	670Vdc	
Input Voltage	200~670Vdc	
Start-up Voltage	250Vdc	
MPPT Path	0~3	
System		
Weight	2800±100kg	
Dimension (W*D*H)	1850*1265*2250mm	
Max. Efficiency	≥87% （TBD）	
Air Conditioner Power	3kW (Cooling), 1kW (Heating)	
Temperature	-20~50℃(Derating above 40℃)	
Humidity	0~95%RH (Non-condensing)	
Ingress protection	IP55	
Anti-corrosion Grade	C3	
Cooling method	Air cooling	
Noise	≤75dB	
Elevation	3000m （Derating above 2000m）	
Display	Touch screen	
Fire Protection	Aerosol	
Communication	Ethernet/4G/RS485	
Certification	CQC, CE, TÜV	

