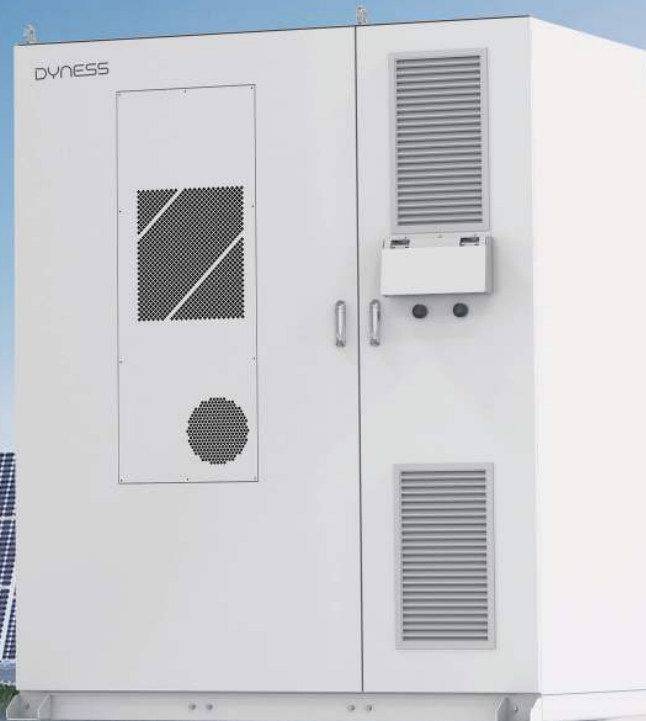


DH200F

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, energy storage, and diesel generators.

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 (Optional Perfluorohexanone)	
Communication	Ethernet/4G/RS485	
Certification	CQC, CE, TÜV	

