

# Air-Cooled PACK

ECO-P1P20WS



## Brief

The air-cooled PACK consists of standard 280Ah LFP cells, grouping in 1P20S. With built-in BMU, HV connectors, fans, and fixed structural components, these accessories enable the PACK module to have protection functions such as overvoltage, undervoltage, overcurrent, insulation, short circuit, and overheat. Combined with PCS, it achieves energy charge and discharge. This PACK is compatible with 1500V platform.



## Features



**Excellent Performance**

laser welding for excellent cells consistency and superior charging/discharging performance.



**Long Cycle Life**

Over 8,000 times cycle life and a designated lifespan of up to 10 years



**Safe and Reliable**

Optimized ventilation system, active thermal management system.



**Flexible Configuration**

Standard & modular design, on-demand flexible expansion.

## Specifications

ECO-P1P20WS	
Cell Type	LFP
Rated Capacity	280Ah
Grouping	1P20S
Rated Energy	17.92kWh (rated conditions)
Rated Voltage	64Vdc
Recommended Operating Voltage	56~72Vdc
Rated Charge/Discharge Rate	0.5P
Cooling	Air Cooling
Cycle Life	≥8,000 times
Storage Environmentt	0~35℃, RH≤95%
Operating Temperature	-25℃~50℃
Ingress Rating	IP20
Dimensions (W*D*H)	470*950*231mm
Weight	135kg
Compliance	UN38.3, IEC61619, UL1973, CE-EMC and UL9540