



# BATTERY -HV

ABL-T05H

ABL-T08H-PLUS



Support mixing old and new battery packs



Conversion efficiency 98.5%



Support parallel connection of 2 machines



Equipped with lightning protection function



save electricity costs

	ABL-T05H				ABL-T08H-PLUS			
<b>Module</b>								
Module capacity	5kWh				8kWh			
Battery cell specifications	Lithium iron phosphate 314Ah/3.2V				Lithium iron phosphate 314Ah/3.2V			
Cell grouping method	1P6S				1P6S			
Number of packs	1	2	3	4	1	2	3	4
Total capacity	5kWh	10kWh	15kWh	20kWh	8.05kWh	16.12kWh	24.18kWh	32.24kWh
Rated charging and discharging power	2.5kW	5kW	8kW	10kW	4kW	8kW	12kW	16kW
Rated voltage	470V (370-560V)				470V (370-560V)			
<b>General Data</b>								
Weight (kg)	71	129	187	245	80.2	144.7	209.2	273.7
Height • including base (mm)	500	780	1060	1340	525	800	1075	1350
Width • including decorative parts (mm)	738				870			
Depth • including decorative parts (mm)	260				255			
Installation method	Floor installation, wall mounted installation							
working temperature	-20~55℃							
Storage temperature	-25~60℃							
relative humidity	5~95% RH (without condensation)							
Working altitude	≤4000m							
Thermal management	Natural cooling and battery heating function							
Protection level	IP66							
Protection strategy	Overvoltage and overcurrent protection, short circuit protection, and over temperature protection							
Scalability	Parallel connection of two machines							
Mixing old and new battery packs	support							
fire control	Pack level fire protection							
authentication	REACH- RoHS- IEC62620- IEC60730- IEC62619- IEC63056- UN38.3							
<b>Display&amp;Communication</b>								
Display	SOC status, faults, and operational status							
Communication Interface	RS485/CAN							