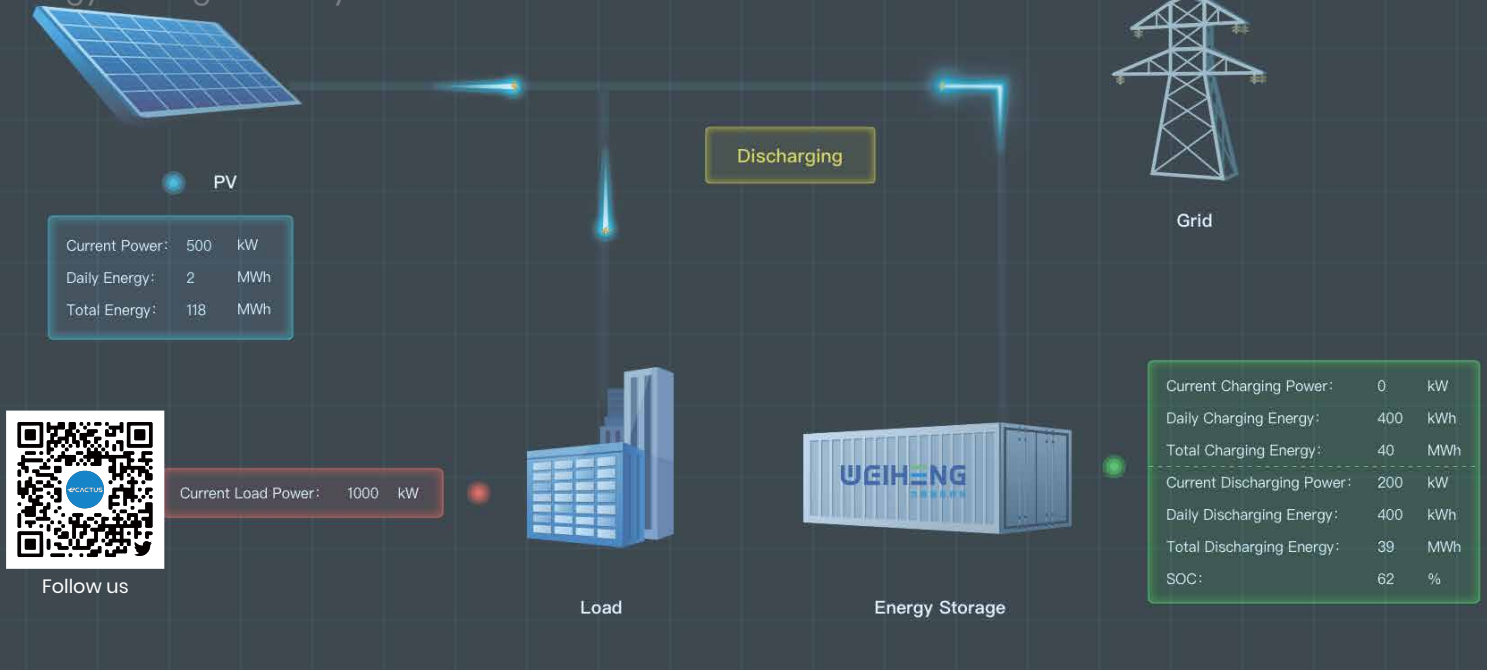


PANGU OS

Energy Management System

CACTUS



PANGU OS

A smart EMS platform with root layer data analysis, front and back-end full Services. It will provide you with real time fault analysis and report to achieve low O&M cost.



Smart and flexible

Simple and efficient

Safe and reliable

*Text and images correspond to the current state of technology at the time of printing. Subject to modifications. All information is without guarantee in spite of careful editing-liability excluded.



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Model	R452280-E	R552280-E	R652280-E	R752280-E	R852280-E
Battery					
Type of battery	Lithium iron phosphate				
Specification of the cell	3.2V/280Ah				
Rated capacity	186.4kWh	232.96kWh	279.6kWh	326.1kWh	372.72kWh
Nominal voltage	665.6V	832V	998.4V	1164.8V	1331.2V
Voltage range	582.4-748.8Vdc	728-936Vdc	873.6-1123.2Vdc	1019.2-1310.4Vdc	1164.8-1497.6Vdc
Pack type	1P208S	1P260S	1P312S	1P364S	1P416S
Number of battery clusters	4S	5S	6S	7S	8S
Heat-dissipating method	Liquid cooling				
Support parallel connection	Support				
Basic parameters					
Brand of the battery	CATL				
Protection class	IP20				
Basic size (W*D*H) (mm)	950*1300*2450mm				
Weight	1.8t	2.1t	2.4t	2.8t	3.1t
Operating temperature	charge: 0°C~55°C, discharge: -20°C~55°C				
Storage temperature	-35°C~60°C				
Certification	IEC 61000, IEC 62619, UN 38.3(Battery module)				

Long-life

Available for integration with CATL's advanced technologies (e.g. optional cell with super-long cycling up to 12,000 cycles). LFP batteries with high thermal stability.

Liquid-cooling

Integrated frequency conversion liquid-cooling system, with cell temperature difference limited to 3°C, and a 33% increase of life expectancy. Separate water cooling system for worry-free cooling.

Space-saving

Compatible with 665 - 1,331V system. Modular design with a high energy density, saving the floor space by 50%, energy density per unit area ≥30%.