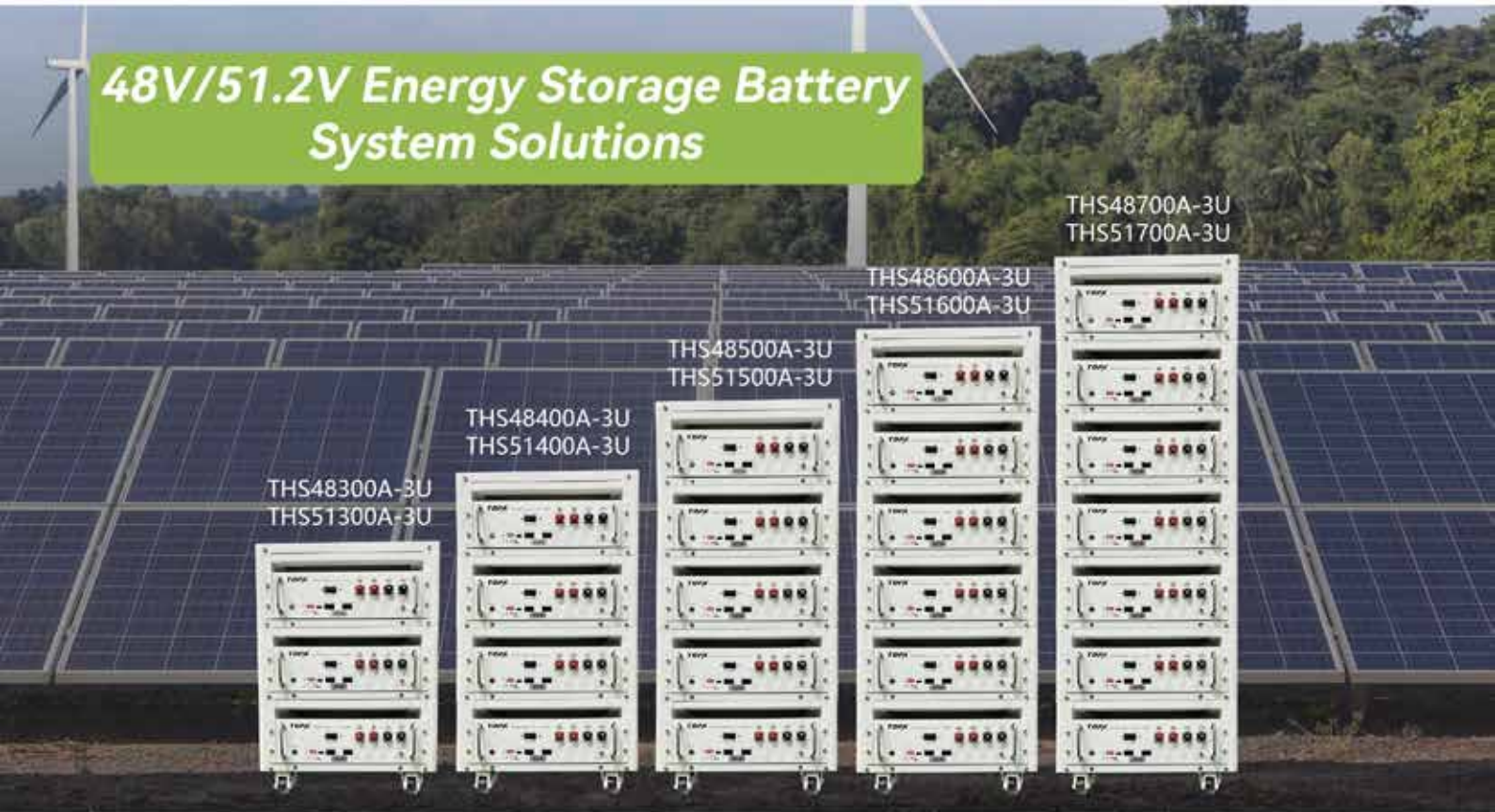


48V/51.2V Energy Storage Battery System Solutions



Product Parameter

Model	THS48300A-3U THS51300A-3U	THS48400A-3U THS51400A-3U	THS48500A-3U THS51500A-3U	THS48600A-3U THS51600A-3U	THS48700A-3U THS51700A-3U
Rated voltage	48V/51.2V				
Rated capacity	300Ah	400Ah	500Ah	600Ah	700Ah
Rated power	15KWH	20KWH	25KWH	30KWH	35KWH
Battery internal resistance	≤100mΩ				
Cycle times	≥4000 cycles @ 80% DOD, 25° C, 0.5C				
Design life	≥10 years				
Charging voltage	53V±0.5V(15 series);56.0V±0.5V(16 series)				
Maximum operating current	200A	300A	400A	400A	400A
Discharge cut-off voltage	45V±1.0V(15 series);48V±1.0V(16 series)				
Charging temperature range	0°C~60°C(working below 0°C will affect the performance of battery capacity)				
Discharge temperature range	-20°C~60°C(working below 0°C will affect the performance of battery capacity)				
Storage environment	40°C ~ 55°C @ 60% ± 25% humidity				
Dimension(mm)	550*480*785	550*480*1000	550*480*1215	550*480*1430	550*480*1645
Communication	RS232-PC, RS485(B)-PC RS485(A)-Inverter, CANBus-Inverter				
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)				

