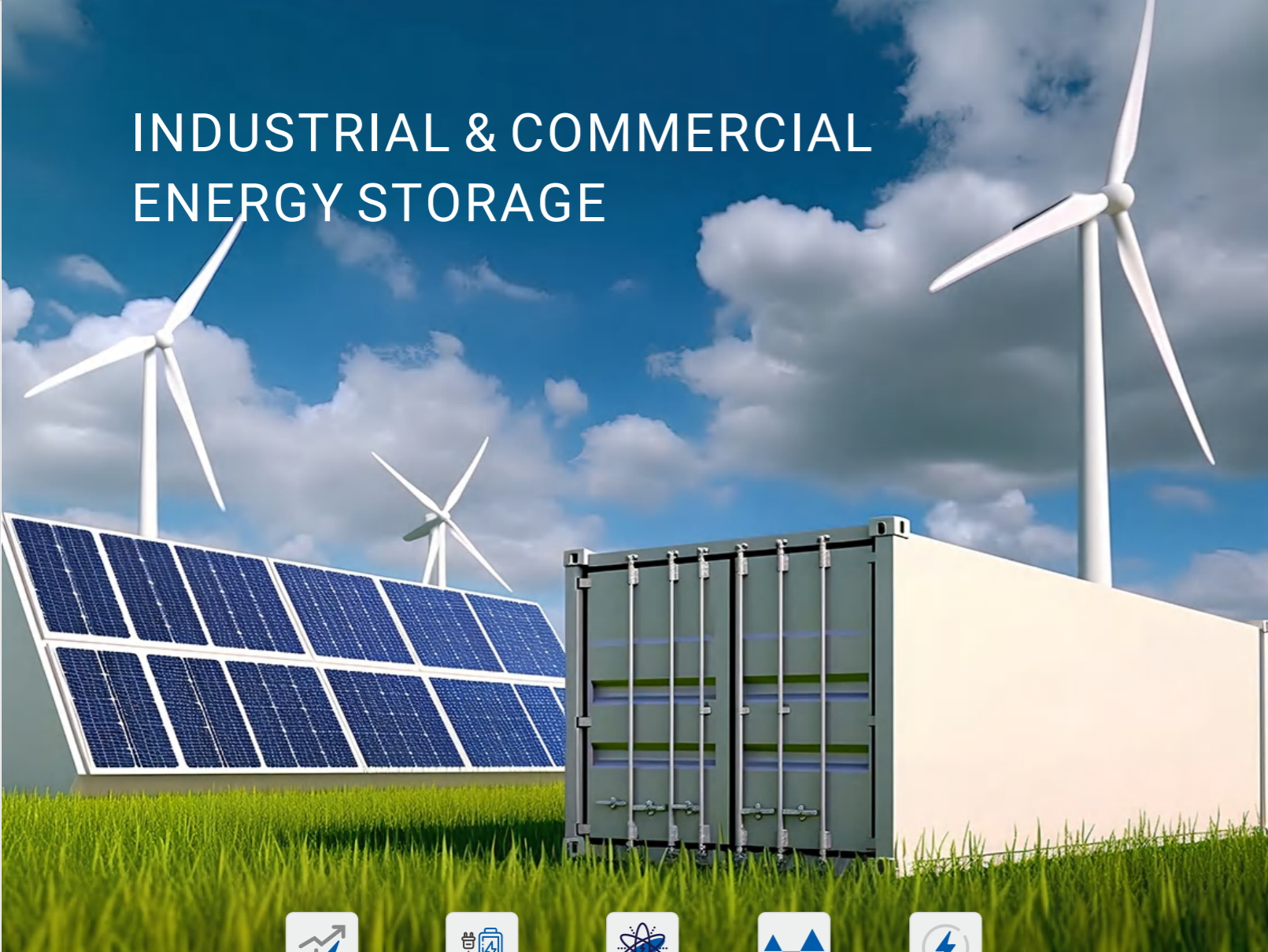


INDUSTRIAL & COMMERCIAL ENERGY STORAGE



Power grid



UPS



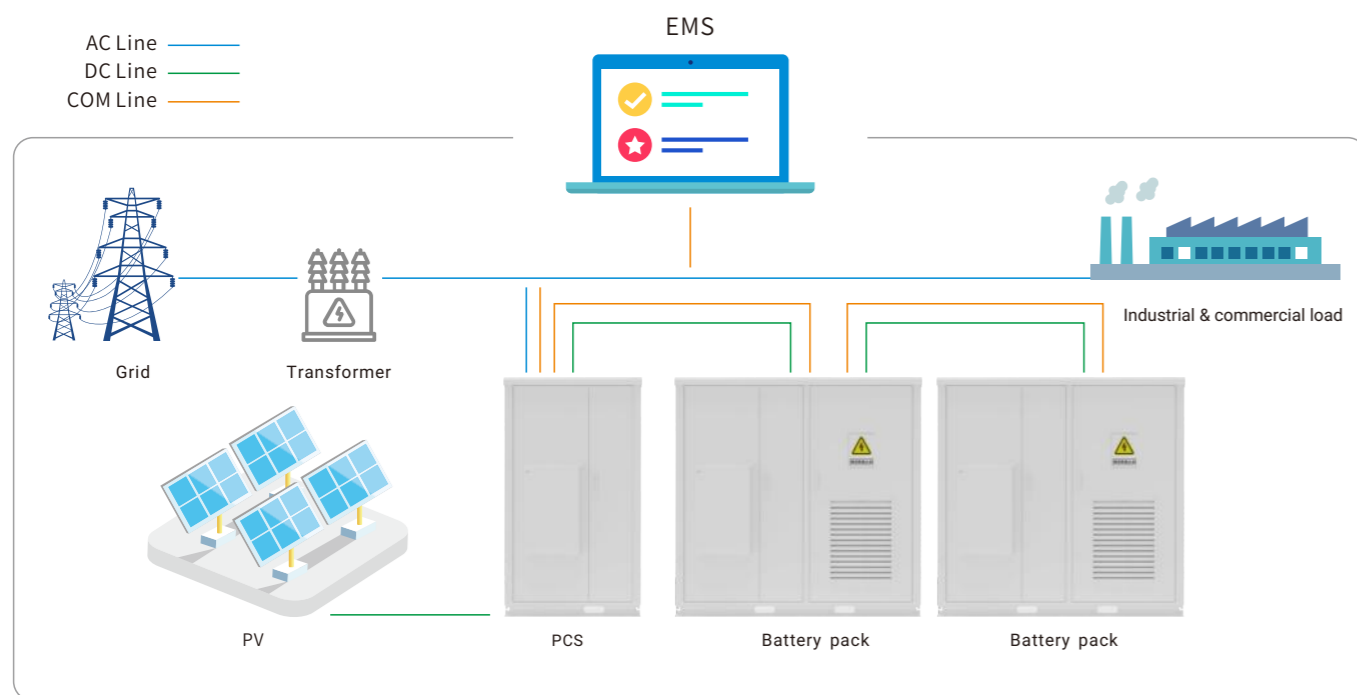
Intelligent control



Energy saving



Green power



Technical Parameters

Cell parameters			
Cell type	Lithium iron phosphate(LFP) 280Ah		
Rated voltage	3.2V		
Depth of discharge	Deep discharge 90%		
Installed capacity			
Rated power	215KWh	604.8KWh	1MWh
Battery rated voltage	768V	720V	720V
Battery voltage range	600V-876V	560V-820V	560V-820V
DC discharge current	140A	140A	140A
Single Cluster Battery Pack	16S1P	15S1P	15S1P
Number of battery	15PCS (15S)	45PCS (15S3P)	75PCS (15S5P)
AC Side			
Rated power	100KW	300KW	500KW
Rated grid voltage	400V		
Rated AC current	140A		
Allowable voltage range	360V~440V		
Rated grid frequency	50Hz/60Hz		
Power Factor	>0.99		
AC access method	3W+N+PE		
System parameters			
System efficiency	>86%		
Cycle life	>6000(25°C 0.5C >90%DOD 70%EOL)		
Cooling method	Air Cooling		
Allowable ambient temp.	-30~50°C		
Maximum working altitude	4000m(>2000mDerating is required)		
Fire mode	Heptafluoropropane gas fire extinguishing device		
Degree of protection	IP54		
Communication method	RS485/CAN		
Operating mode	Microgrid, UPS, Backup power		