

tPower-NL9.(7-21)K-HB Residential Battery System



Enjoy Green Power
CRRC FORESEE Cloud Service, monitoring the data at anytime & anywhere
Intelligent O&M, one click upgrade remotely
Enjoy green power throughout the whole day,fearless of power outages



Safeguarding
High protection degree, installation indoors and outdoors
Multiple protection modes(overcurrent/overvoltage etc.)
Advanced battery technology



Smart Energy
Compatible with various scenarios
Stackable automatic configuration battery module, wireless bundle connection
Easy installation, time-saving and labor-saving

Product Model	tPower-NL9.7K-HB	tPower-NL9.10K-HB	tPower-NL9.14K-HB	tPower-NL9.17K-HB	tPower-NL9.21K-HB
Battery module	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Number of Battery module	2	3	4	5	6
Available power	7.10kWh	10.66kWh	14.21kWh	17.76kWh	21.31kWh
Operating ambient temperature range	168~219V	252~328V	336~438V	420~547V	504~657V
Rated voltage	192V	288V	384V	480V	576V
Rated capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Max. Charging/ discharging power	4.26kW	6.39kW	8.52 kW	10.65 kW	12.78 kW
DOD	95%	95%	95%	95%	95%
Dimensions (L*W*H)	504*380*700mm	504*380*900mm	504*380*1100mm	504*380*1300mm	504*380*1500mm
Weight (kg)	105kg	146kg	187kg	228kg	269kg
Charging temperature range	0~50℃				
Discharging temperature range	-10~50℃				
Communication	CAN/RS485/RS232				
Protection degree	IP54				
Colour	White				
Warning	Overcharge/Over discharge/Over current/Over temperature/Short circuit				
Scenarios	On-grid & Off-grid				
Scalability	Maximum parallel connection of 12 clusters				
Certificationance	UN38.3/CE-EMC/IEC62040/IEC62619/IEC62477/IEC60730/IEC63056/UKCA/CEC Accredited/UL1973/VDE2510-50				