

Rack type battery (LV)



PV off grid



Microgrid energy storage



Industrial park



Emergency power supply

Technical parameter	NX-RL50	NX-RL100	NX-RL150
Total energy (kWh)	2.56	5.12	7.68
Nominal voltage (V)	51.2	51.2	51.2
Design life	6000@ 25 80%	6000@ 25 80%	6000@ 25 80%
Discharge voltage (V)	44	44	44
Charging voltage (V)	57.6	57.6	57.6
Max.charging current (A)	50	100	100
Max.discharge current (A)	50	100	100
Storage temperature	0~35	0~35	0~35
Max. working altitude (M)	4000	4000	4000
Relative humidity	0~95% non-condensing	0~95% non-condensing	0~95% non-condensing
Installation	Frame	Frame	Frame
Ingress protection	IP21	IP21	IP21
Operating temperature	-25 ~55	-25 ~55	-25 ~55
Weight (kg)	23	45	68
Dimension W*D*H(mm)	450*400*132	450*400*177	450*400*222
Communication	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN

Rack type battery (HV)



PV off grid



Microgrid energy storage



industrial park



emergency power supply

Technical parameter	NX-RH50	NX-RH100	NX-RH100/8
Total energy (kWh)	12.8	25.6	38.4
Nominal voltage (V)	256	256	384
Design life	6000@ 25	6000@ 25	6000@ 25
Discharge voltage (V)	220	220	330
Charging voltage (V)	288	288	432
Max.charging current (A)	50	100	100
Max.discharge current (A)	50	100	100
Storage temperature	0~35	0~35	0~35
Max. working altitude (M)	4000	4000	4000
Relative humidity	0~95% non-condensing	0~95% non-condensing	0~95% non-condensing
Installation	Frame	Frame	Frame
Ingress protection	IP21	IP21	IP21
Operating temperature	-25 ~55	-25 ~55	-25 ~55
Weight (kg)	163	280	435
Dimension W*D*H(mm)	600*600*1200	600*600*1500	600*600*2000
Communication	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN