



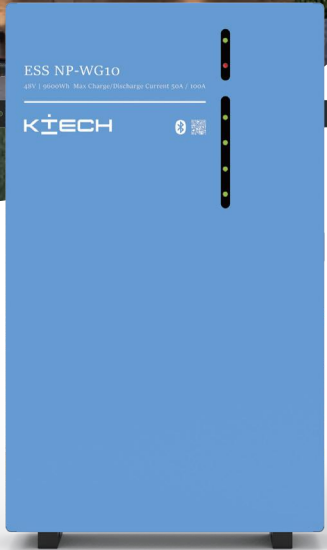
NP Series

Energy - storage Lithium Batteries



48V-100AH

- Round - trip efficiency $\geq$ 97.5%
- High energy density
- Up to 30+ units can be connected in parallel
- Advanced battery management system (BMS)



Product Parameters				
Model		NP-W525	NP-WG10	NP- WG15
Battery Type		48V 100 AH LiFePO4	48V 204 AH LiFePO4	48V 306 AH LiFePO4
Rated Energy	KWh	4.8	9.6	14.3
Usable Energy	KWh	4.4	8.8	13.2
Peak Output Power (kW, 3s)	KW	7.68	9.6	9.6
Round-Trip Efficiency		$\geq$ 97.5%		
Rated Voltage	V	48	48	48
Working Voltage	V	42-55	42-55	42-55
Maximum Charge - Discharge Current	A	100/200	200/200	200/200
Communication		CAN, RS485		
Enclosure Protection Rating		IP21		
Working Humidity	°C	-15-50		
Cooling Type		Natural Cooling		
Installation		Wall Mounted, Ground Mounted, Indoor		
Cycle Life		$>$ 6,000		
Design Life		10+ Years (25°C@77°F)		
Recommended Depth of Discharge (DOD)		90%		
Dimensions (Width x Height x Depth)	mm	535*395*165	900*395*165	1400*395*165
Weight	Kg	47	90	130
Humidity		5% - 95%		
Altitude	m	$<$ 2,000		
Warranty		5 Years		
Safety Standard		UL1973/IEC62619/UN38.3		
Scalability		Max 30+ Pcs in Parallel		
Ktech EnerWise		Yes		