









## FEATURES AND ADVANTAGES

-  LiFePO4 Battery
-  Safety & Reliability
-  Scalability
-  95%DOD
-  Cycle Life  $\geq$  6000 Times
-  LCD Displays APP/Bluetooth Monitor
-  Compact size and light weight
-  99% Faradic Charge Efficiency

## CERTIFICATE



## PRODUCT DATA SHEET

MODEL	SN-EV5K-W
Total Energy [kWh]	5.12
Capacity [Ah]	100
Nominal Voltage [V]	51.2
Voltage Range [V]	44.8-57.6
MAX. Charge & Discharge Current [A]	60
Peak Charge & Discharge Current [A] (for 10 sec.)	100
Product Dimension [WxDxHmm]	490×160×535
Net Weight [Kg]	47
Installation	Wall-mounted
Scalable	1~16 in parallel
Communication	CAN/RS485
Communicated Inverter	Deye / Victron / LuxPower / Growatt / SMA / MUST / SOROTEC / Voltronic / SRNE
Enclosure Protection Rating	IP21
Charging Temp Range [°C]	0~55
Discharging Temp Range [°C]	-10 ~55
Cycle Life	$\geq$ 6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL
Certification	UN38.3,CE

\*Specifications are subject to change without prior notice.



**LiFePo4 Battery**  
10.24kwh/15.36kwh/16.08kwh



## PRODUCT DATA SHEET

MODEL	SN-EV10K-W	SN-EV15K-W	SN-EV16K-W
Total Energy [kWh]	10.24	15.36	16.08
Capacity [Ah]	200	300	314
Nominal Voltage [V]	51.2	51.2	51.2
Voltage Range [V]	44.8-57.6	44.8-57.6	44.8-57.6
MAX. Charge & Discharge Current [A]	100	150	150
Peak Charge & Discharge Current [A] (for 10 sec.)	120	200	200
Product Dimension [WxDxHmm]	610×194×834MM	420×250×870	420×250×870
Net Weight [Kg]	86	110	113
Installation	Floor-standing		
Scalable	1~16 in parallel		
Communication	CAN/RS485		
Communicated Inverter	Deye / Victron / LuxPower / Growatt / SMA / MUST / SOROTEC / Voltronic / SRNE		
Enclosure Protection Rating	IP21		
Charging Temp Range [°C]	0~55		
Discharging Temp Range [°C]	-10 ~55		
Cycle Life	≥ 6,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL		
Certification	UN38.3,CE		

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