



Residential BESS

Wall Mounted Type-LV

-  **Safety**
Multi-protection from self developed BMS
-  **Optimal Electricity Cost**
Long cycle life and superior performance
-  **Compact Size & East Installation**
Module design help for quick installation
-  **Easy to Scale Up**
Be workable to be parallel based on 48V
-  **Compatibility**
Compatible with Tier 1 inverter brands



PERFORMANCE SPECIFICATIONS

Model	DW-16.38KW-ESS
Nominal Voltage	51.2V
Cell model/Configuration	3.2V320Ah/16S1P
Capacity(Ah)	320AH
Rated Energy(KWH)	16.38KWH
Max.Charge/Discharge Current(A)	100A/100A
Voltage Range(Vdc)	47.2-56.8V
Scalability	Up to 15 parallel
Communication	RS232-PC,RS485(B)-BAT RS485(A)-Inverter,Canbus-Inverter
Cycle Life	≥6000cycles@25°C,80%DOD
Design Life	≥15 Years(25°C)

MECHANICAL SPECIFICATIONS

Weight(Approx)(KG)	150kg
Dimension(W/D/H)(mm)	500*275*830
Installation Mode	Wall Mounnted
IP Grade	p54

SECURITY AND CERTIFICATION

Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC,UL1973
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054
Protection	BMS,Breaker

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature(°C)	Charge:-10°C~50°C;Discharge:-20°C-50°C
Altitude(m)	≤2000
Humidity	≤95%(Non-condensing)

*Text and images correspond to the current state of technology at the time of printing.Subject to modifications.

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