

GOODWE

Automatic Backup Device

The Automatic Backup Device (ABD) is compatible with the GoodWe ES-US and SBP-US, enabling energy backup for North American homeowners. Its built-in Smart Meter (North America) can be connected with up to 4 CTs, monitoring most of a home's appliances with higher precision than alternatives.



24/7 residential backup solution



High precision of load monitoring



Perfect compatibility with ES-US
& SBP-US



Low voltage ride through

Technical Data		ABD200-40-US10	ABD200-63-US10	ABD100-40-US10	ABD100-63-US10
Electrical Data					
Nominal Output Voltage (V)		240			
Output Voltage Range (V)		211 ~ 264			
Feed-in Type		Split Phase			
Nominal AC Voltage of Line Conductor (V)		120 / 240			
Nominal AC Frequency (Hz)		60			
AC Frequency Range (Hz)		58.5 ~ 61.2			
Current Rating (from Grid)(A)		200			
Max. Continuous Current from Inverter (A)		32.0	47.5	32.0	47.5
Maximum Overcurrent Protection of Main Breaker (A) ^{*1}		200		100	
Maximum Overcurrent Protection of Circuit Breaker of Inverter (A)		40	63	40	63
General Data					
Operating Temperature Range		-13°F ~ 140°F (-25°C ~ 60°C) ^{*2}			
Max. Operating Altitude		9842ft (3000m)			
Cooling Method		Natural Convection			
Communication with Inverter		RS485			
Weight		26lb (12kg)			
Dimension (W × H × D)		17.7 × 24 × 5.9 in (450 × 610 × 150 mm)			
Mounting Method		Wall Mounted			
Ingress Protection Rating		Type 3R, IP44			
Certification & Standards					
Safety Regulation		UL1741, UL1741 PCS CRD, CSA22.2 NO.107-01			
EMC		FCC part15 CLASS B			

*1: The main breaker is optional.

*2: Derating temperature: 113°F (45°C).

*: Please visit GoodWe website for the latest certificates.