

GOODWE

Automatic Backup Device

The Automatic Backup Device (ABD) is compatible with the GoodWe ES-US and SBP-US, enabling whole home 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 Whole Home Backup



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
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Electrical Data				
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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				
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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 x H x D)	17.7 x 24 x 5.9 in (450 x 610 x 150 mm)			
Mounting Method	Wall Mounted			
Ingress Protection Rating	Type 3R, IP44			

Certification & Standards				
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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.