



A 12 V valve-regulated lead-acid (VRLA) battery for the TWS-290 Public Warning System

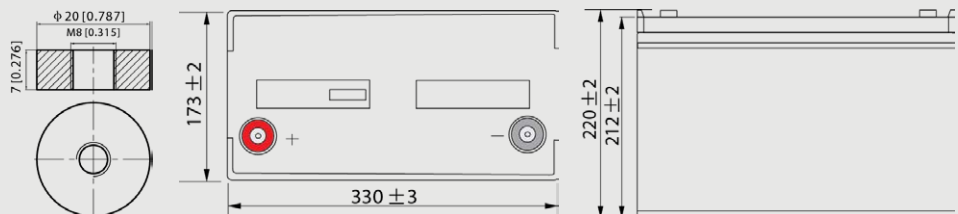


TWS BATTERY 100-12

TWSBATT 100-12

TECHNICAL DATA

Nominal voltage	12 V	
Nominal capacity (10HR)	100 AH	
Dimensions	Length:	330 mm (12.99")
	Width:	173 mm (6.81")
	Container height:	212 mm (8.35")
	Total height:	220 mm (8.66")
Weight	Approx. 28.5 kg (62.8 lbs.)	
Terminal size	Ø 6 mm	



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TRANSPORT INFORMATION

UN No: 2800

Package group: III

IATA: Not restricted for air transport-complies Special Revision A67

IMO: Not classified as of 1922

Required Label NON-SPILLABLE

Unrestricted U.S.A. shipment.
Complies with IATA/ICAO Special Provision A67 for air transport.
Recognized by DOT as "Dry Charge"
49 CFR 171-189 for surface transport.
Classified per MG Amendment 27 as a non-hazardous material for water transport.

TECHNICAL DATA

Terminal	M8
Container material	ABS
Rated capacity	100.0 AH / 10.0 hr (10 hr, 1.80 V/cell, 25° C / 77°F)
Max. discharge current	1200 A (5s)
Internal resistance	Approx. 4.8 mΩ
Temp. range	Standard operating: -15–50° C (5–122°F) When paired with our temp. compensating charger TWS-BATTCH: Extended Operating: -35–60° C (-31–140°F)
Cycle use	Initial Charging Current less than 30.0 A. Voltage 14.4 V–15.0 V at 25° C (77°F) Temp. Coefficient -30 m V/° C
Standby use	No limit on Initial Charging Current Voltage 13.5 V–13.8 V at 25° C (77°F) Temp. Coefficient -20 mV/° C
Capacity affected by temperature	40° C (104°F) 25° C (77°F) 0° C (32°F) 103% 100% 86%
Self-discharge	TWSBATT 100-12 batteries may be stored for up to 6 months at 25° C (77°F) before a recharge is required. For higher temperatures the time interval will be shorter.

ORDERING INFORMATION

Product Description

TWS Battery AGM 12 V 100 Ah

Order No.

TWSBATT 100-12

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