

Product data sheet

Specifications



PowerLogic BAT24Ah 12V 24Ah 10 years life high rate industrial VRLA battery

EMS58582

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	PowerLogic T300
Product Compatibility	PS50 PS100 ITI3
Device short name	BAT24AH
Output voltage	12 V DC
Battery Type	VRLA
Internal resistance	20.47 mOhm IEC 60896-21
Short-circuit current	714 A IEC 60896-21
Transfer impedance	8.5 mOhm 1 kHz

Complementary

Battery Capacity	25 Ah
Height	4.9 in (125 mm)
Width	6.9 in (175 mm)
Depth	6.5 in (166 mm)
Product Weight	21.6 lb(US) (9.8 kg)
Connector Type	M5
Tightening torque	22.1 lbf.in (2.5 N.m)
Self-discharge rate	3 %, 1 month 68 °F (20 °C)
Battery life	10 year(s) 68 °F (20 °C) Eurobat General Purpose

Environment

Ambient Air Temperature for Operation	5...122 °F (-15...50 °C) charge -4...140 °F (-20...60 °C) discharge
Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)

Ordering and shipping details

Category	US1RTU108642
Discount Schedule	RTU1
GTIN	3606480461200
Returnability	No
Country of origin	GB

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.236 in (13.300 cm)
Package 1 Width	7.323 in (18.600 cm)
Package 1 Length	7.717 in (19.600 cm)
Package weight(Lbs)	21.572 lb(US) (9.785 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	48
Package 2 Height	16.535 in (42.000 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	47.244 in (120.000 cm)
Package 2 Weight	1059.701 lb(US) (480.672 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Removable battery	User replaceable
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.