

Product data sheet

Specifications



Conext MPPT 80 600 Solar Charge Controller

865-1032

 To be discontinued on: Jul 1, 2025

 To be end-of-service on: Apr 4, 2035

 To be discontinued

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	XW
Device short name	XW-MPPT80-600
Product or Component Type	Solar charge controller
Battery voltage	24 VDC 48VDC

Complementary

Input voltage	195 V DC - open circuit <= 600 V
Enclosure Type	Ventilated
Enclosure Material	Sheet metal chassis
Device mounting	Wall mounted vertical
cable entry	7/8" and 1" knock-outs
Product Weight	29.8 lb(US) (13.5 kg)

Environment

AWG gauge	AWG 14...AWG 6
Ambient air temperature for operation	-4...113 °F (-20...45 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Standards	UL 1741 CSA C22.2 No. 107.1
Product Certifications	FCC Class B
Marking	CE

Ordering and shipping details

Category	US1STG112200
Discount Schedule	STG1
GTIN	3606480607646
Returnability	Yes
Country of origin	US

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
Number of Units in Package 1	1
Package 1 Height	13.00 in (33.02 cm)
Package 1 Width	12.00 in (30.48 cm)
Package 1 Length	45.00 in (114.3 cm)
Package 1 Weight	41.187 lb(US) (18.682 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	9
Package 2 Height	59.06 in (150 cm)
Package 2 Width	39.37 in (100 cm)
Package 2 Length	47.24 in (120 cm)
Package 2 Weight	393.5 lb(US) (178.5 kg)

Contractual warranty

Warranty	60 months
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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	
EU RoHS Directive	Not compliant

Use Again

 Repack and remanufacture	
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.