

PRODUCT-DETAILS

# 3P25990S100A

## UNO-DM-5.0-TL-PLUS-SB-QU Inverter



### General Information

Global Commercial Alias	3P25990S100A
Extended Product Type	UNO-DM-5.0-TL-PLUS-SB-QU
Product ID	6AGC074851
EAN	8054529630752
Catalog Description	UNO-DM-5.0-TL-PLUS-SB-QU Inverter
Long Description	Single-phase string inverter, 5000Wac, 2 MPPT, Wireless communication channel, Dynamic feed-in control and load manager capabilities (UNO-DM-COM-KIT required), Advanced web user interface, Modbus SunSpec RTU/TCP, IP65 (NEMA4x), Integrated DC disconnect

### Ordering

Customs Tariff Number	85044084
Invoice Description	UNO-DM-5.0-TL-PLUS-SB-QU;RoHS
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece

### Dimensions

Product Net Depth / Length	175 mm
Product Net Width	418 mm
Product Net Height	553 mm
Product Net Weight	15 kg

## Technical

Rated Output Power	5000 W
Number of Maximum Power Point (MPP) Trackers	2
Maximum Power Point (MPP) Voltage	170 V ...480 V
Function	Integrated DC disconnect switch
Communication Interface	WLAN
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP65
Display Type	None
Electrical Quantities Monitoring Type	Single Phase
Input Current Maximum ( $I_{in}$ )	30.5 A
Input Voltage ( $U_{in}$ )	90 V ...580 V
Maximum Input Power DC	6250 W
Number of Connections	2 DC Plug connections
Number of Phases	1-phase
Options Available	With data logging
Options Provided	Without transformer
Rated Efficiency (EURO/CEC)	97 %
Suitable For	Switch disconnecter; Outdoor mounting

## Container Information

Package Level 1 EAN	8054529630752
Package Level 1 Depth / Length	606 mm
Package Level 1 Width	481 mm
Package Level 1 Height	254 mm
Package Level 1 Units	packet 1 piece
Package Level 1 Gross Weight	18 kg

## Environmental

RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	190722

## Additional Information

Country of Origin	Italy (IT)
Product Main Type	UNO
Product Name	Inverter
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	9AKK107046A8886
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Declaration of Conformity - CE	9AKK107492A1800
RoHS Information	9AKK107492A1800
Instructions and Manuals	9AKK1074920745

## Classifications

ETIM 6	EC001747 - Photovoltaics DC/AC grid inverter
ETIM 7	EC001747 - DC/AC grid inverter

## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
6AGC003640	UNO-DM-COM KIT Communication kit	UNO-DM-COM KIT	1	PCE
6AGC064972	UNO-DM-PLUS ETHERNET COM KIT Communication kit	UNO-DM-PLUS ETHERNET COM KIT	1	PCE
6AGC003673	INVERTER;ACCESSORY;KIT 10x10 CLIPS;MULTI-CONTACT Accessory	INVERTER;ACCESSORY;KIT 10x10 CLIPS;MULTI-CONTACT	1	PCE
6AGC003675	ACCESSORY;MULTI CONTACT DC CABLE CONNECTOR KIT Connectors kit	ACCESSORY;MULTI CONTACT DC CABLE CONNECTOR KIT	1	PCE
6AGC003471	METER;REACT-MTR-1PH Electricity Meter	METER;REACT-MTR-1PH	1	PCE
6AGC045630	CONTROL UNIT;METER;REACT-MTR-3PH UNIT;METER;R Electricity Meter	CONTROL UNIT;METER;REACT-MTR-3PH	1	PCE

## Categories

Power Converters and Inverters → Solar Inverters → String Inverters → Single Phase → UNO-DM-3.3/4.0/4.6/5.0-TL-PLUS-Q

