

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

