

PRODUCT-DETAILS

3Q179909000A

PVS-100-TL Inverter



General Information

Global Commercial Alias	3Q179909000A
Extended Product Type	PVS-100-TL
Product ID	6AGC076172
EAN	8054529635634
Catalog Description	PVS-100-TL Inverter
Long Description	Three-phase string inverter, 100000Wac @400Vac, 6 MPPT, IP66 (Fans IP54), Mounting bracket, 24 + 24 DC input with 24 + 24 string fuses, Individual current monitoring of the DC inputs (24 ch), Monitored&replaceable DC surge protection Type I + II, DC disconnect switch, AC disconnect switch, AC busbar connection (Cu/Al), Monitored&replaceable AC surge protection Type II, Dual port ethernet (Modbus/SUNSPEC), RS-485 communication interface (Modbus/Sunspec), Wifi, AC plate to support large size multicore cable installation (PVS-100/120), Cable gland M63, nickel plated brass, cable dia. 37 ... 53 mm, PE cable gland M25, plastic, cable dia. 10 ... 17 mm, Boost version

Ordering

Customs Tariff Number	85044088
Invoice Description	PVS-100-TL;SY2;M63 37-53mm FULL;BOOST;Ro
Minimum Order Quantity	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Depth / Length	419 mm
Product Net Width	1086 mm
Product Net Height	869 mm
Product Net Weight	128 kg

Technical

Rated Output Power	100000 W
Number of Maximum Power Point (MPP) Trackers	6
Maximum Power Point (MPP) Voltage	480 V ...850 V
Function	24 DC input with 24 string fuses, Individual current monitoring of the DC inputs (24 ch), Monitored&replaceable DC surge protection Type I + II, DC disconnect switch, AC disconnect switch, Monitored&replaceable AC surge protection Type II, AC plate for multicore cable installation, Cable gland M63, PE cable gland M25
Communication Interface	Ethernet WLAN
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP66
Display Type	None
Electrical Quantities Monitoring Type	Three Phase
Input Current Maximum (I _{in})	216 A
Input Voltage (U _{in})	360 V ...1000 V
Maximum Input Power DC	125000 W
Number of Connections	24 DC plug connections
Number of Phases	3-phase
Options Available	With data logging
Options Provided	Without transformer
Rated Efficiency (EURO/CEC)	98.2 %
Suitable For	Switch disconnecter; Outdoor mounting

Container Information

Package Level 1 EAN	8054529635634
Package Level 1 Depth / Length	620 mm
Package Level 1 Width	1210 mm
Package Level 1 Height	1200 mm
Package Level 1 Units	packet 1 piece
Package Level 1 Gross Weight	162 kg

Environmental

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

Additional Information

Country of Origin	Italy (IT)
Product Main Type	PVS
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	BCD.00662
Declaration of Conformity - CE	9AKK107045A7376 9AKK107045A7407
RoHS Information	9AKK107045A7376 9AKK107045A7407
Instructions and Manuals	9AKK107045A7607

Classifications

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

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
6AGC045630	CONTROL UNIT;METER;REACT-MTR-3PH	CONTROL UNIT;METER; REACT-MTR-3PH Electricity Meter	1	PCE

Categories

Power Converters and Inverters → Solar Inverters → String Inverters → Three Phase → PVS-100/120-TL

