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PV Microinverter BENY

BYM600

Type Approved
Safety
Regular Production
Surveillance

TÜVRheinland®
CERTIFIED

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ID 1111261691

Accessories Description

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Accessories summary

Accessories Details						
NO.	Necessity	Name	Description	Brand/Supplier	remark	Photo
1	Necessary	EMU Gateway	BYR2000	BENY	1 EMU is required for every 8 BYM600	
2	Necessary	Filter	SGAW6-30A2-R	SHENGU	Each EMU needs to be equipped with 1 filter	
3	*Optional	RJ45 network cable extension cable	Category 5e network extension cable for RJ45 interface, 2.0m	BENY	RJ45 network cable extension cable for EMU gateway	
4	*Optional	DC Y type MC4 set	DC Y-type parallel three-way adapter cable, 4mm2, branch cable length 30cm, converging cable length 20cm	SINBON	Y-type three-way adapter cable used for parallel connection of two photovoltaic modules, one positive and one negative	
5	*Optional	DC extension cable (one pair)	1.5m,DC cable extension cable, 4mm2 The exposed wire is 1.5m	BENY	The extension cables used when the length of the PV module DC cable are not enough, one positive and one negative	
6	*Optional	Connection Cable	A customized AC Trunk	BETTERI	Make a customized AC Trunk by utilizing Trunk Connectors and Extension Connectors	
7	*Optional	Trunk Connector	connect the microinverter's AC output to the AC Trunk	BETTERI	Used to connect the microinverter's AC output to the AC Trunk, as well as to join together multiple Connection Cables to create the AC Trunk.	
8	*Optional	Female Connector	Connect the end of the AC Trunk to the distribution box	BETTERI	Used to disconnect the branch line from the bus	
9	*Optional	Male Connector	Connect the end of the AC Trunk to the distribution box	BETTERI	Used to form the AC cable into an AC End Cable, which completes the connection between the end of the AC Trunk and the distribution box.	
10	*Optional	Sealing Cap	cover the unused connection port	BETTERI	Used to cover the unused connection port on the Trunk Connector,which is typically located at the beginning of the AC Trunk.	
11	*Optional	Disconnect Tool	disassemble connectors on the AC Trunk	BETTERI	Main line removal too can be used to take apart connectors.	
12	*Optional	Disconnect Tool	Disassemble the branch line	BETTERI	Main branch break wrench can be used to tighten nuts, and loosen nuts.	
13	*Optional	DC Male Connector Cap	DC Male Connector Cap (Mc4)	STAUBLI	Waterproof cover for DC male plug	
14	*Optional	DC Female Connector Cap	DC Female Connector Cap(Mc4)	STAUBLI	Waterproof cover for DC female plug	

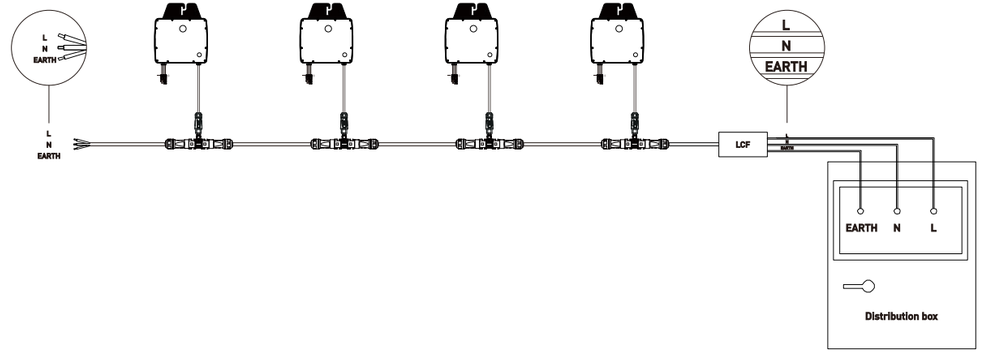
Appendix

With the same number of photovoltaic modules and microinverter to form three groups of single-phase systems, respectively connected to L1, L2, L3 three single-phase systems, can form a three-phase connection method.

For single-phase 220V, three-phase 380V systems:
The AC connection methods of the three groups of single-phase microinverters are:

L1, N, GND
L2, N, GND
L3, N, GND

Single-phase output reference wiring diagram



Three-phase four-wire output reference wiring diagram