APsystems EMEA(EZ1) Accessories

Rev 1.2

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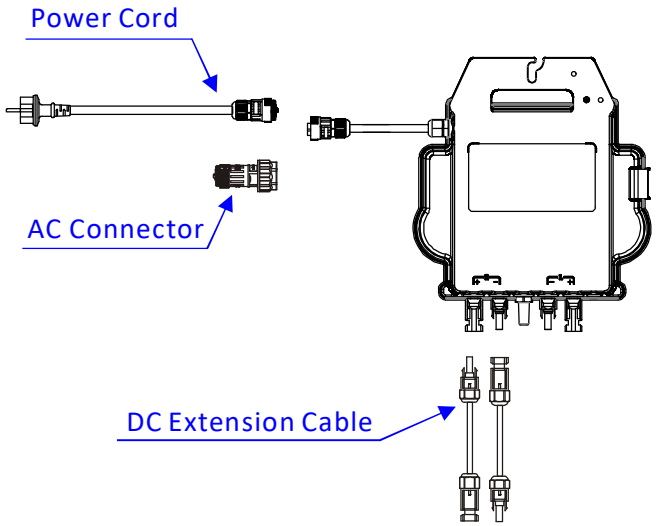
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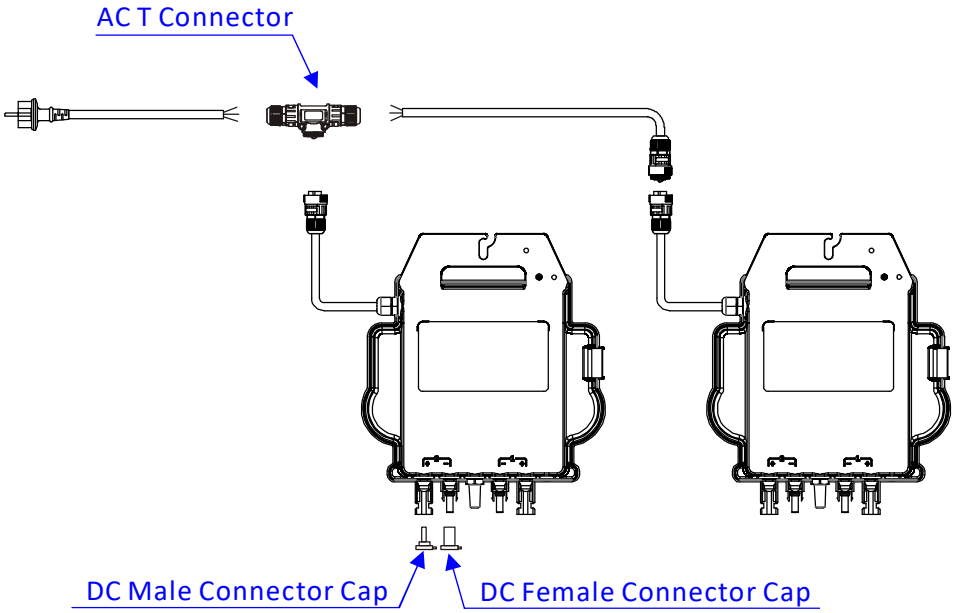
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EZ1 Series Accessories

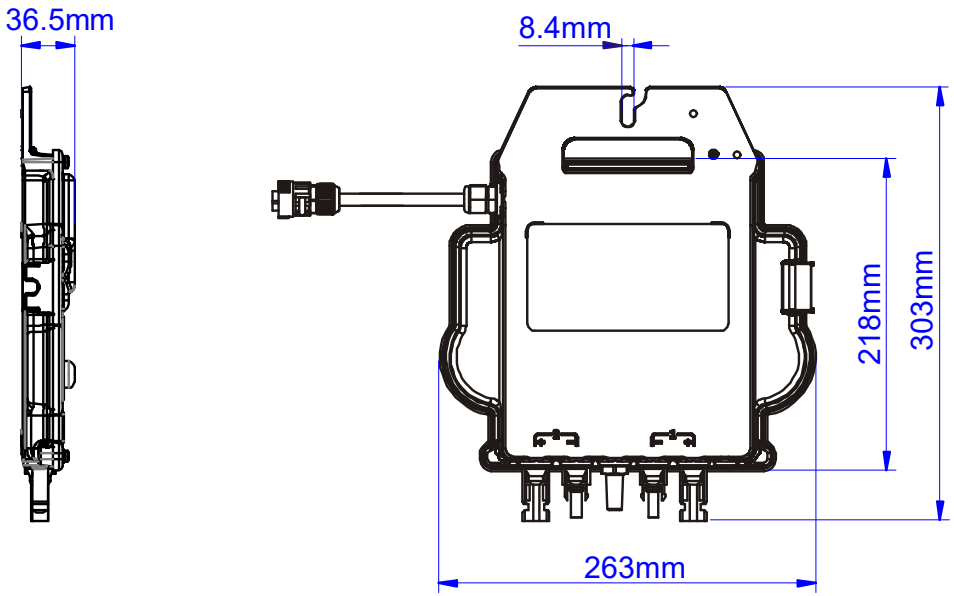
1. **Wiring Diagram**





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2. EZ1 Dimensions



3. Accessories Summary

Region	Accessories					
	Power Cord (Optional)	**AC Connector (Female)** (Optional)	**AC T Connector** (Optional)	**DC Male Connector Cap** (Optional)	**DC Female Connector Cap** (Optional)	**DC Extension Cable** (Optional)
Europe **-S-EU (133018)** **-M-EU (132018)**	2337011133_EU Power Cord(1.5mm²,5m) (See Pic. A)	2301132012_AC Extended Connector(3C,17.5A,Female) (See Pic. B)	2301232002_AC T Connector(3C,17.5A) (See Pic. C)	2060401006_DC Male Connector Cap (MC4) (See Pic. D)	2060402006_DC Female Connector Cap (MC4) (See Pic. E)	2310360214_2m DC Extension Cable (MC4) (See Pic. F)

Notes: The cables in this table are recommended by APsystems, and the O.D. and length of the cable can be customized according to customer needs.

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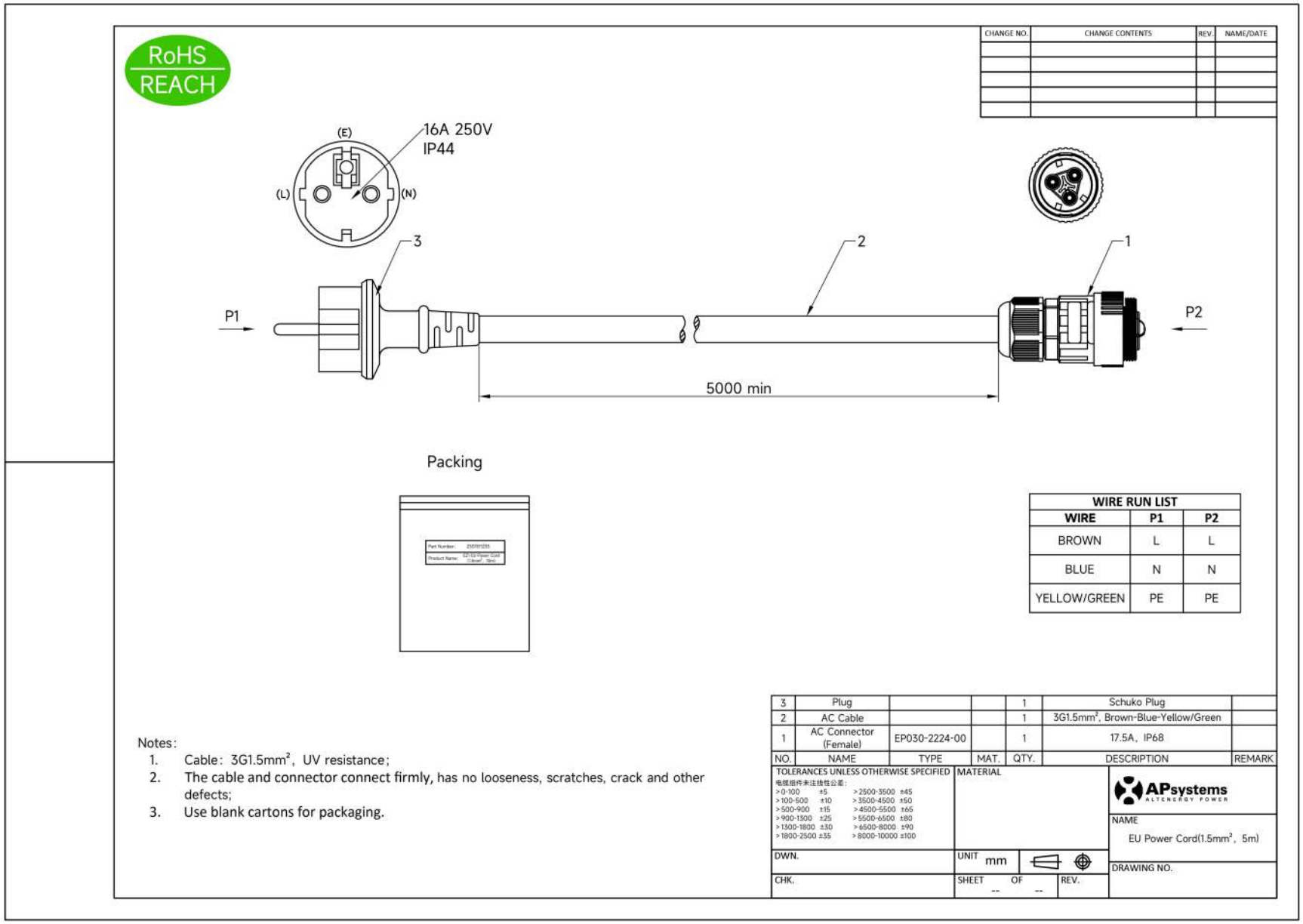
4. Physical Picture

Power Cord	AC Connector	AC T Connector	DC Male Connector Cap	DC Female Connector Cap	DC Extension Cable
					
Pic. A	Pic. B	Pic. C	Pic. D	Pic. E	Pic. F

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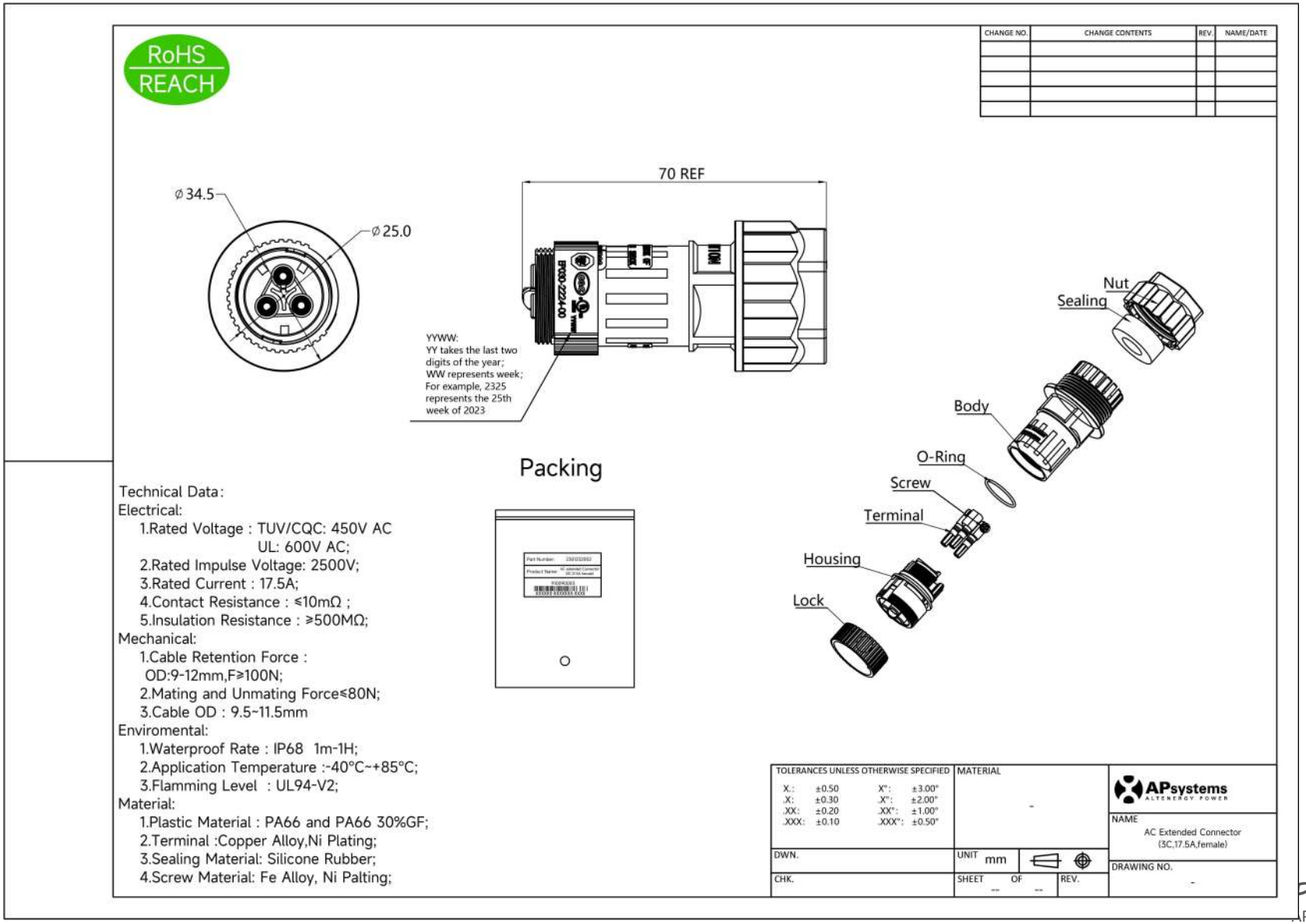
5. Accessories information

2337011133_EU Power Cord(1.5mm²,5m)



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2301132012_AC Extended Connector(3C,17.5A,Female)

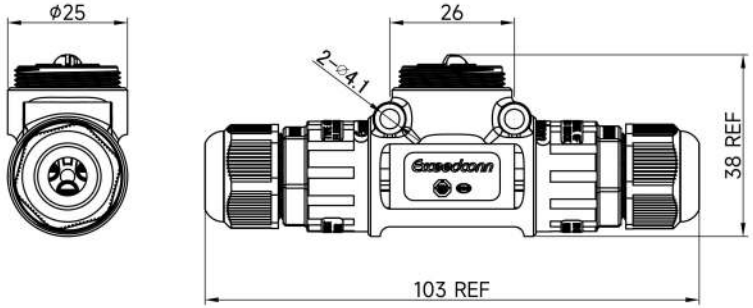


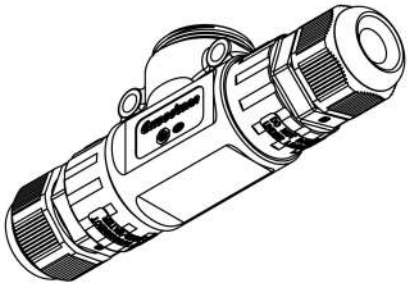
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2301232002_AC T Connector(3C,17.5A)

RoHS
REACH

CHANGE NO.	CHANGE CONTENTS	REV.	NAME/DATE





Packing



Wrench



Notes:

Electrical

1. Rated Voltage: 250V;
2. Rated Current: 17.5A;
3. Contact Resistance:≤10mΩ;
4. Insulation Resistance:≥500MΩ;

Mechanical:

1. Mating Cycle:≥500;
2. Cable Retention Force:≥100N;
3. Sealing Size: ϕ11.5mm;
4. Cable O.D: 9.5~11.5mm;
5. Wire Size: 1.5mm²;

Environmental:

1. Waterproof Rate: IP68;
2. Application Temperature: -40°C~+85°C;
3. Flaming Level: UL94-V0;

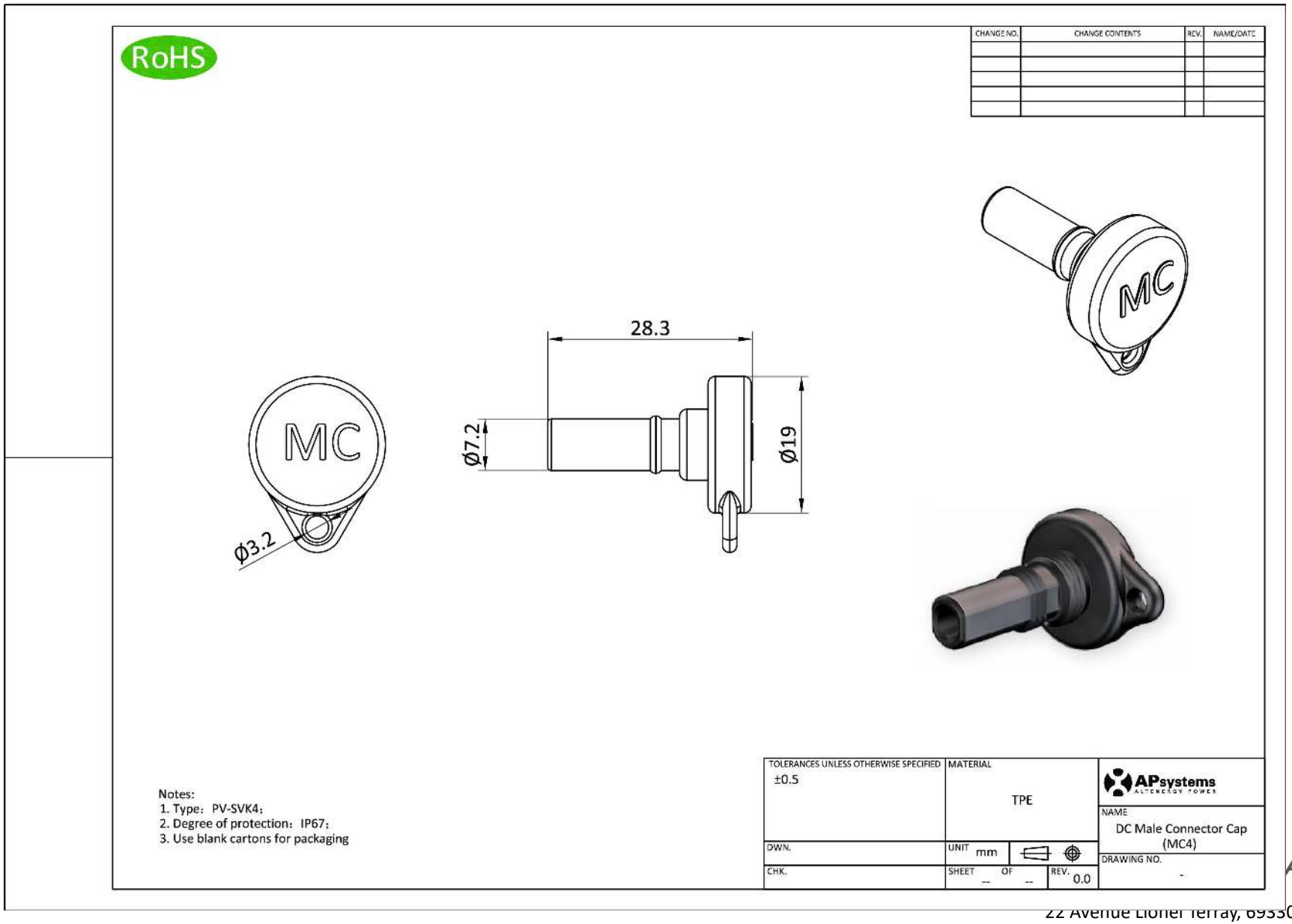
Others:

1. Type No.: EP-3DB;
2 Packaging: Blank Cartons

TOLERANCES UNLESS OTHERWISE SPECIFIED				MATERIAL	APsystems ALTENERGY POWER
X.:	±1.00	X°:	±3.00°		NAME: AC T Connector(3C,17.5A)
.X:	±0.50	.X°:	±2.00°		
.XX:	±0.20	.XX°:	±1.00°		
.XXX:	±0.10	.XXX°:	±0.50°		
DWN.				UNIT mm	DRAWING NO.
CHK.				SHEET -- OF --	REV.

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2060401006_DC Male Connector Cap（MC4）

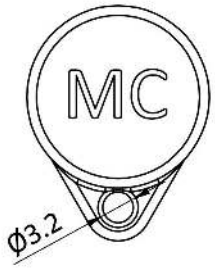


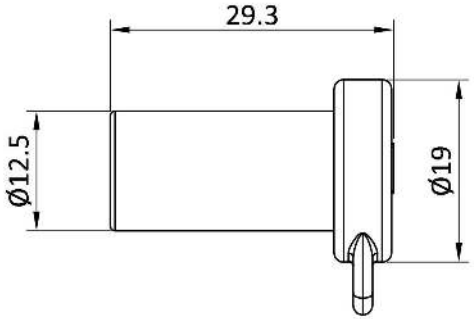
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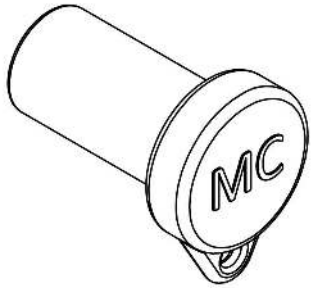
2060402006_DC Female Connector Cap（MC4）

RoHS

CHANGE NO.	CHANGE CONTENTS	REV.	NAME/DATE









Notes:
1. Type：PV-BVK4；
2. Degree of protection：IP67；
3. Use blank cartons for packaging

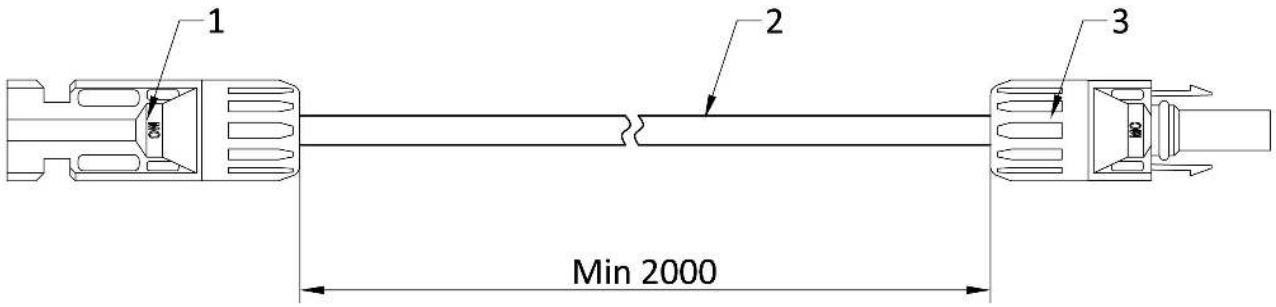
TOLERANCES UNLESS OTHERWISE SPECIFIED	MATERIAL	APsystems ALTENERGY POWER
±0.5	TPE	NAME: DC Female Connector Cap (MC4)
DWN.	UNIT mm	DRAWING NO. -
CHK.	SHEET -- OF --	REV. 0.0

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2310360214_2m DC Extension Cable（MC4）

RoHS

CHANGE NO.	CHANGE CONTENTS	REV.	NAME/DATE
②	Add alternative cable	0.2	YFT 2022-9-14
③	Add alternative cable	0.3	YFT 2022-11-24



NO.	NAME	TYPE	MAT.	QTY.	DESCRIPTION	REMARK
3	DC Connector (female)	MC4 PV-KBT4/6II		1	Female, STAUBLI	
②③ 2	DC Cable	FLEX-SOL-EVO-DX 4.0 62930 IEC 131/PV H1Z2Z2-K /PV wire		1	4.0mm²/12AWG, TUV/UL certification	
1	DC Connector (male)	MC4 PV-KST4/6II		1	Male, STAUBLI	

Notes:
1. The DC cable and connector connect firmly, can sustain 100N·60s tension.
2. The pin concentric with plastic parts, ensure that there is no contradict phenomenon when male connector inserts into female connector.
3. Use Blank Cartons For Packaging.

TOLERANCES UNLESS OTHERWISE SPECIFIED				MATERIAL	APsystems
>0-100	±5	>2500-3500	±45		
>100-500	±10	>3500-4500	±50		
>500-900	±15	>4500-5500	±65		NAME: 2m DC Extension Cable (MC4)
>900-1300	±25	>5500-6500	±80		
>1300-1800	±30	>6500-8000	±90		
>1800 2500	±35	>8000-10000	±100		
DWN.		UNIT mm			DRAWING NO.
CHK.		SHEET -- OF --		REV. 0.3	

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Revision history		
Version	**Change contents**	**Date**
REV1.0	First edition	2023-04-17
REV1.1	Update the name of power cord	2023-06-16
REV1.2	Update AC connector	2023-06-29
Compile：ZiHan	**Date：2023-06-29**	
Audit： Tianxing	**Date：2023-06-29**	

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