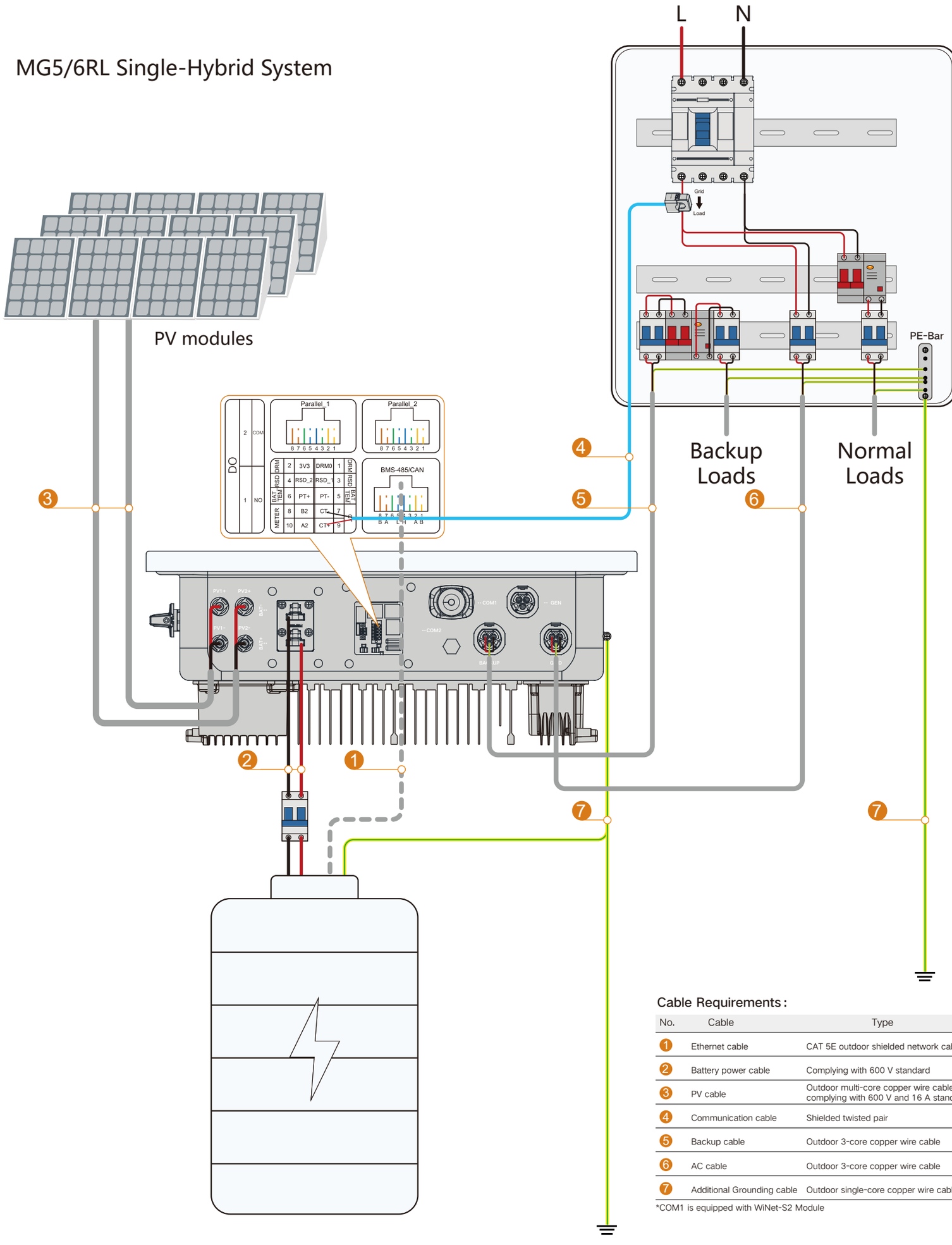
MG5/6RL Single-Hybrid System

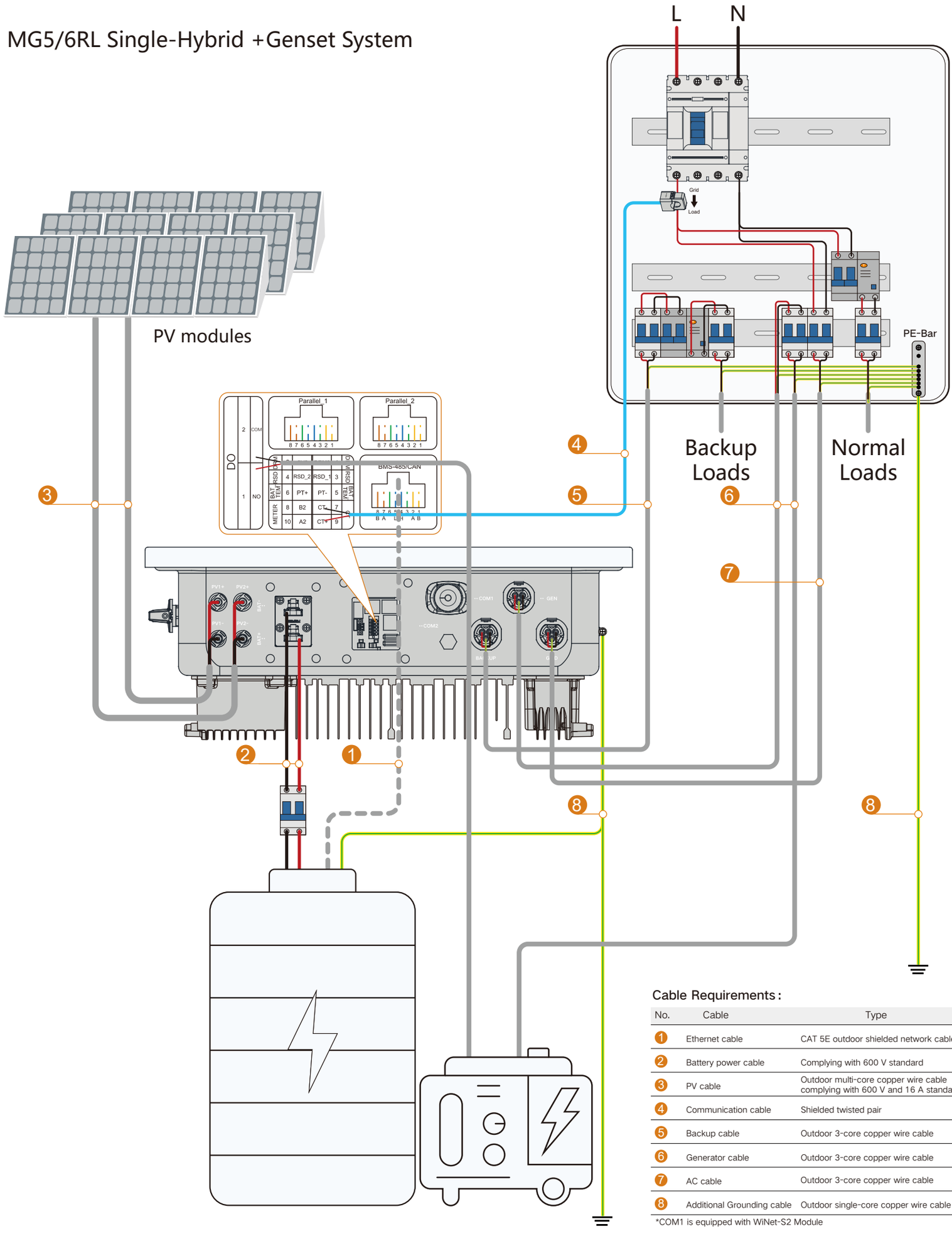


Cable Requirements:

No.	Cable	Type	Cable Diameter	Cross-section
1	Ethernet cable	CAT 5E outdoor shielded network cable	4.8-6mm	0.08-0.2mm²
2	Battery power cable	Complying with 600 V standard	/	35-50mm²
3	PV cable	Outdoor multi-core copper wire cable complying with 600 V and 16 A standard	6-9mm	4-6mm²
4	Communication cable	Shielded twisted pair	4.8-6mm	0.5-1.0mm²
5	Backup cable	Outdoor 3-core copper wire cable	/	6-8mm²
6	AC cable	Outdoor 3-core copper wire cable	/	6-8mm²
7	Additional Grounding cable	Outdoor single-core copper wire cable	The same as that of the PE wire in the AC cable	

*COM1 is equipped with WiNet-S2 Module

MG5/6RL Single-Hybrid +Genset System

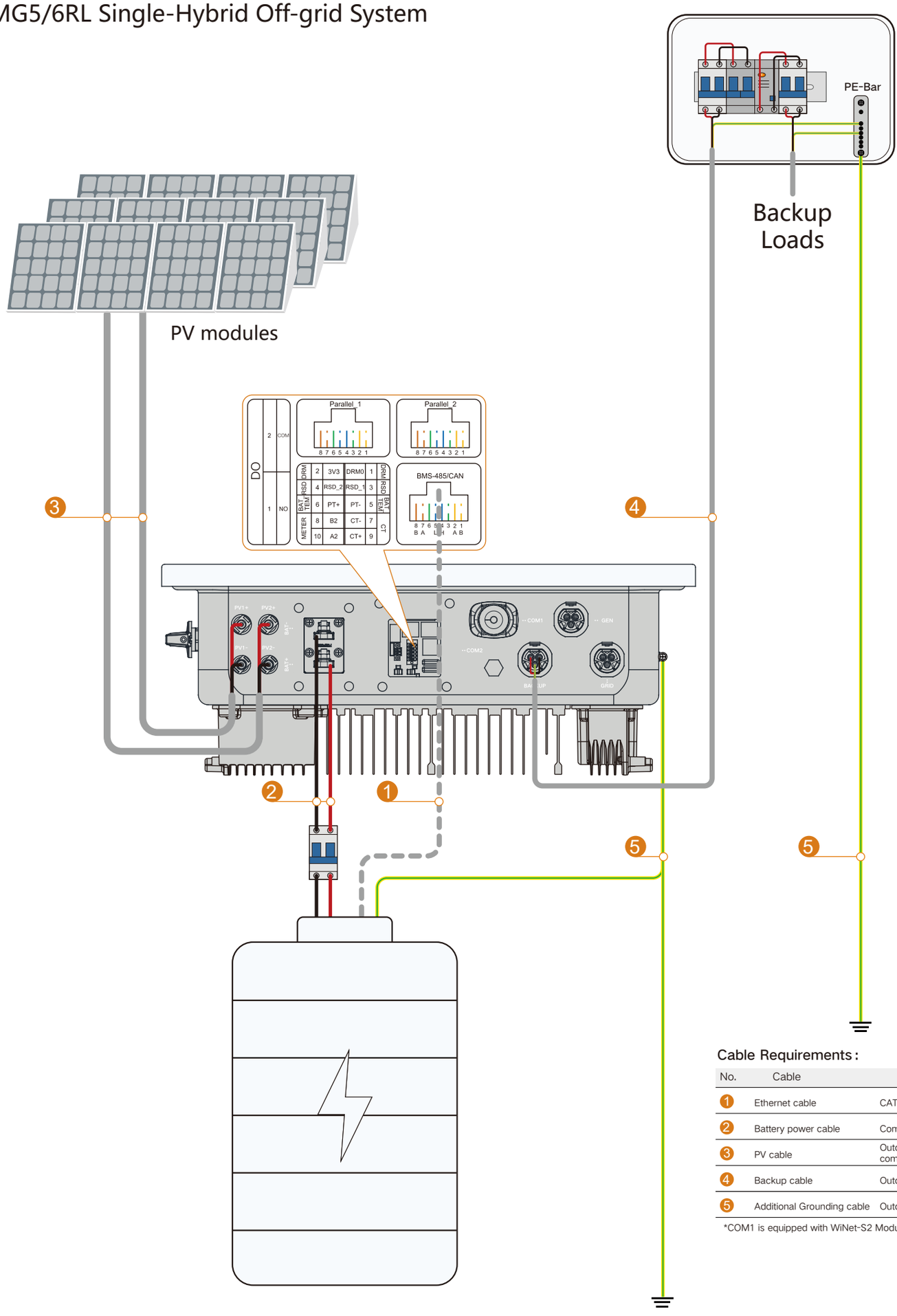


Cable Requirements:

No.	Cable	Type	Cable Diameter	Cross-section
1	Ethernet cable	CAT 5E outdoor shielded network cable	4.8-6mm	0.08-0.2mm²
2	Battery power cable	Complying with 600 V standard	/	35-50mm²
3	PV cable	Outdoor multi-core copper wire cable complying with 600 V and 16 A standard	6-9mm	4-6mm²
4	Communication cable	Shielded twisted pair	4.8-6mm	0.5-1.0mm²
5	Backup cable	Outdoor 3-core copper wire cable	/	6-8mm²
6	Generator cable	Outdoor 3-core copper wire cable	/	6-8mm²
7	AC cable	Outdoor 3-core copper wire cable	/	6-8mm²
8	Additional Grounding cable	Outdoor single-core copper wire cable	The same as that of the PE wire in the AC cable	

*COM1 is equipped with WiNet-S2 Module

MG5/6RL Single-Hybrid Off-grid System

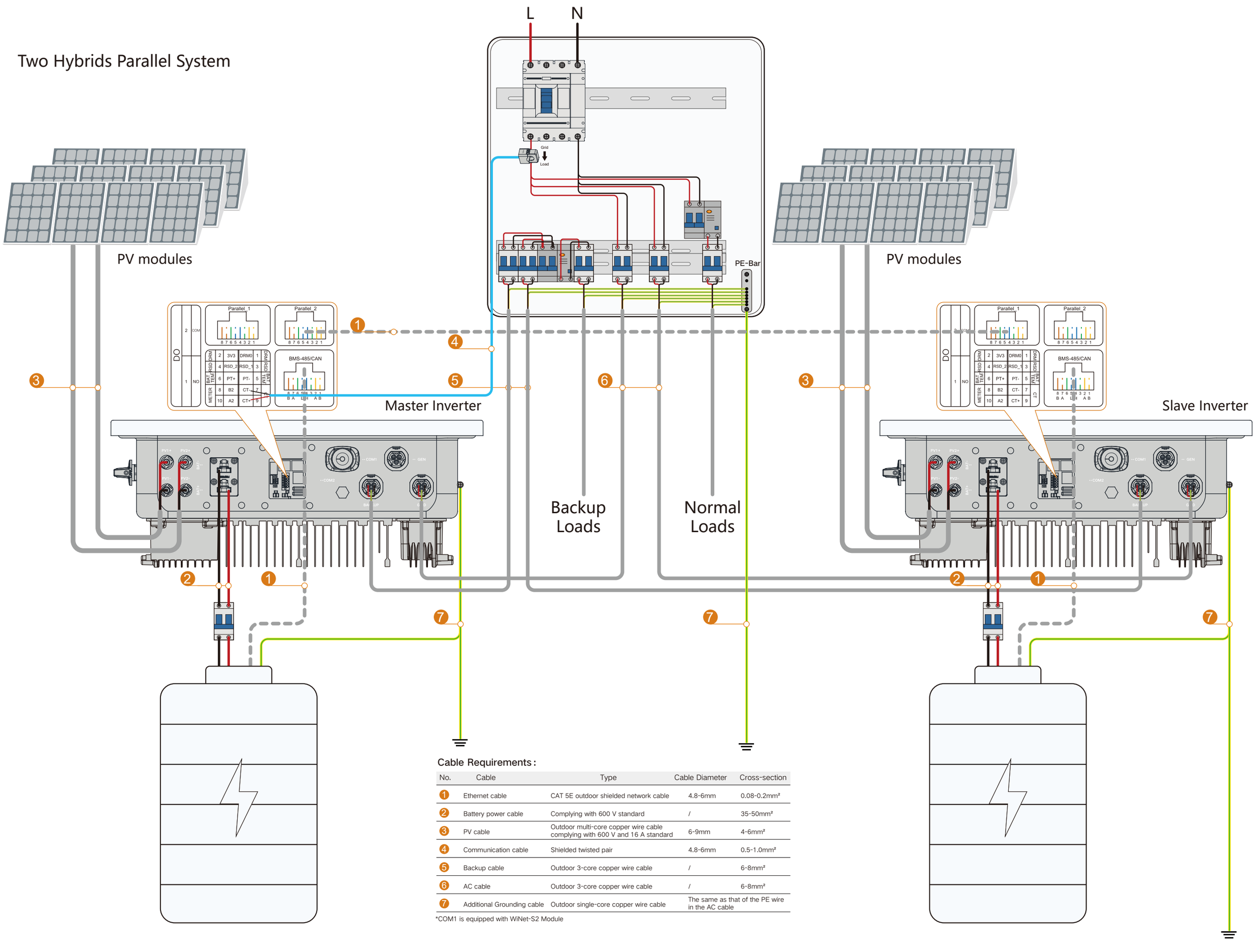


Cable Requirements:

No.	Cable	Type	Cable Diameter	Cross-section
1	Ethernet cable	CAT 5E outdoor shielded network cable	4.8-6mm	0.08-0.2mm²
2	Battery power cable	Complying with 600 V standard	/	35-50mm²
3	PV cable	Outdoor multi-core copper wire cable complying with 600 V and 16 A standard	6-9mm	4-6mm²
4	Backup cable	Outdoor 3-core copper wire cable	/	6-8mm²
5	Additional Grounding cable	Outdoor single-core copper wire cable	The same as that of the PE wire in the AC cable	

*COM1 is equipped with WiNet-S2 Module

Two Hybrids Parallel System

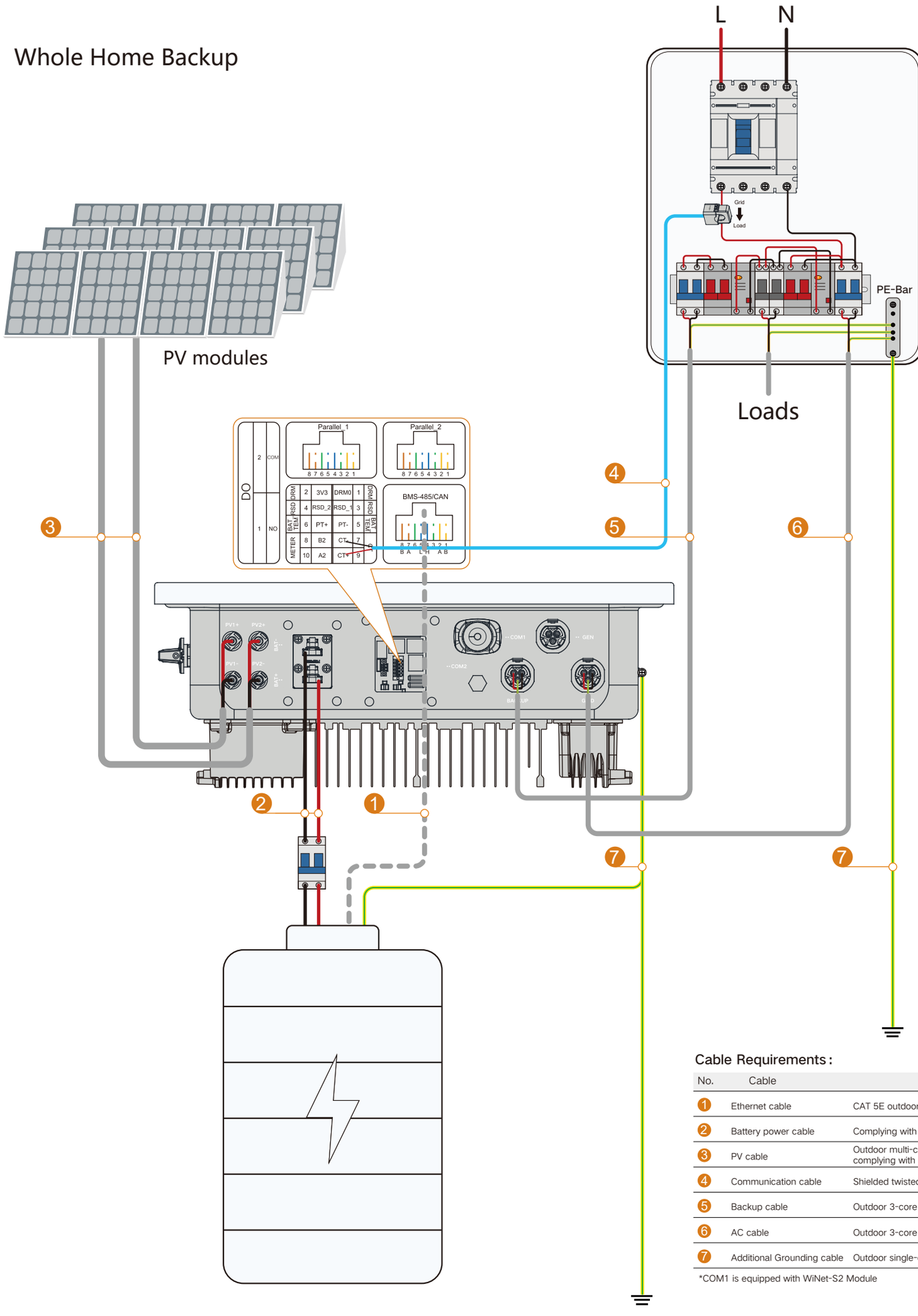


Cable Requirements:

No.	Cable	Type	Cable Diameter	Cross-section
1	Ethernet cable	CAT 5E outdoor shielded network cable	4.8-6mm	0.08-0.2mm²
2	Battery power cable	Complying with 600 V standard	/	35-50mm²
3	PV cable	Outdoor multi-core copper wire cable complying with 600 V and 16 A standard	6-9mm	4-6mm²
4	Communication cable	Shielded twisted pair	4.8-6mm	0.5-1.0mm²
5	Backup cable	Outdoor 3-core copper wire cable	/	6-8mm²
6	AC cable	Outdoor 3-core copper wire cable	/	6-8mm²
7	Additional Grounding cable	Outdoor single-core copper wire cable	The same as that of the PE wire in the AC cable	

*COM1 is equipped with WiNet-S2 Module

Whole Home Backup



Cable Requirements:

No.	Cable	Type	Cable Diameter	Cross-section
1	Ethernet cable	CAT 5E outdoor shielded network cable	4.8-6mm	0.08-0.2mm²
2	Battery power cable	Complying with 600 V standard	/	35-50mm²
3	PV cable	Outdoor multi-core copper wire cable complying with 600 V and 16 A standard	6-9mm	4-6mm²
4	Communication cable	Shielded twisted pair	4.8-6mm	0.5-1.0mm²
5	Backup cable	Outdoor 3-core copper wire cable	/	6-8mm²
6	AC cable	Outdoor 3-core copper wire cable	/	6-8mm²
7	Additional Grounding cable	Outdoor single-core copper wire cable	The same as that of the PE wire in the AC cable	

*COM1 is equipped with WiNet-S2 Module