



### iShare-Home Wiring Connection-LS(B)-ES&IT

No.	Name	Specification	From	To	Remark	Length(m)	Accessory bag
1	PV DC Cable	H1Z2Z2-K 1x6mm <sup>2</sup>	PV Modules	iBox PV input connector	Cable terminals are made and installed on site	20-60m*2	MC4 Connector
2	iBox to Inverter DC Cable	UL 11627	Inverter Battery connector	Battery output connector	Both side terminals are prefab- ricated and installed at the factory	2m*2	-
3	Inverter to Battery DC Cable	10AWG				4m*2	-
4	Inverter to iBox AC Cable (On grid)		Inverter AC output connector	iBox AC input connector	Cable terminals are prefabricated and installed at the factory	2m	-
5	Inverter to iBox AC Cable (Backup)	NYY-J 3G4mm <sup>2</sup> /8mm <sup>2</sup>				2m	-
6	iBox to Utility Distri- bution Box (On grid)		iBox AC Output connector	Utility Distribution Box	iBox side terminal is prefabricated and installed at the factory	20m	-
7	iBox to Utility Distri- bution Box (Backup)					20m	-
8	SmartBox Power Cable	NYY-J 3G1.5mm <sup>2</sup>	SmartBox		SmartBox side terminal is prefab- ricated and installed at the factory	20m	-
9	Inverter PE		Inverter grounding hole		Inverter side terminals are prefab- ricated and installed at the factory	20m	-
10	Battery PE		Battery grounding hole		Battery side terminals are prefab- ricated and installed at the factory	20m	-
11	iBox PE		iBox Grounding hole	External grounding Bar	iBox terminal is prefabricated and installed at the factory	20m	-
12	SmartBox PE		SmartBox Grounding hole		SmartBox terminal is prefabricated and installed at the factory	20m	-
13	PV Roof Grounding	NYY-1x6mm <sup>2</sup>	PV supporting bracket		Both side terminals are made and installed on site	20-60m	-
14	Communication Cable	UTP CAT5e	Inverter Multi-com Connector (COM2)	iBox		2m	-
				Battery		4m	-
			Inverter Multi-com Connector (COM2)	SmartBox	Heat pump	5-20m	-
				EV Charger	5-20m	-	