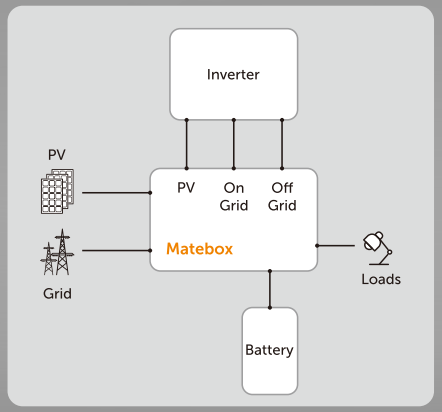

MATEBOX

For the new X-ESS G4, we get rid of the complicated wiring work by laying all the wires in the Matebox. All you need to do is just to install one module on the top of another, and connect all the cables which are already well-sorted in the Matebox in different ports.

PV	
Max. input voltage [Vdc]	600
Max. short circuit current (A/B) [A]	18/18
BATTERY	
Battery voltage range [V]	80-480
Max. charge/discharge current [A]	30
ON-GRID	
Rated voltage [Vac], frequency [Hz]	220/230/240, 50/60
Max. on-grid current [A]	32.6
OFF-GRID	
Rated voltage [Vac], frequency [Hz]	230, 50/60
Rated current [A]	32.6
GRID	
Rated grid voltage [Vac], frequency[Hz]	220/230/240, 50/60
Max. input current [A]	60
LOAD	
Rated voltage [Vac], frequency [Hz]	220/230/240, 50/60
Max. current [A]	60
ENVIRONMENT LIMIT	
Degree of protection	IP54
Protection class	Class I
Operating temperature range [°C]	-35..... +60°C (derating at +45°C)
Storage temperature [°C]	-40..... +70°C
Humidity [%]	0~100 (condensing)
Altitude[m]	<3000
Over voltage category	III(AC), II(DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions [mm]	482*437*185
Net weight [kg]	10(consult the engineers for details)

X1-MATEBOX

X3-MATEBOX BASIC

PV	
Max. input voltage[Vdc]	1000
Max. short circuit current (A/B)[A]	30/18
BATTERY	
Battery voltage range[V]	180~650
Max.charge/discharge current[A]	30
ON-GRID	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. Grid(INV) input/output current[A]	32/32
OFF-GRID	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. current[A]	24.1
GRID	
Rated grid voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. input/output current[A]	32/32
LOAD	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. current[A]	24.1
ENVIRONMENT LIMIT	
Degree of protection	IP54
Protection class	Class I
Operating temperature range[°C]	-25~+60°C (derating at +45°C)
Storage temperature[°C]	-40~+70°C
Humidity[%]	0~100
Altitude[m]	<3000
Over voltage category	III(AC), II(DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions[mm]	533*397*204
Net weight[kg]	7.5

X3-MATEBOX ADVANCED

PV	
Max. input voltage[Vdc]	1000
Max. short circuit current (A/B)[A]	30/18
BATTERY	
Battery voltage range[V]	180~650
Max. charge/discharge current[A]	30
ON-GRID	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. Grid(INV) input/output current[A]	24.1/24.1
OFF-GRID	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. current[A]	24.1
GRID	
Rated grid voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. input/output current[A]	63/24.1
LOAD	
Rated voltage[Vac], frequency[Hz]	380/400/415, 50/60
Max. current[A]	63
ENVIRONMENT LIMIT	
Degree of protection	IP54
Protection class	Class I
Operating temperature range[°C]	-25~+60°C (derating at +45°C)
Storage temperature[°C]	-40~+70°C
Humidity[%]	0~100
Altitude[m]	<3000
Over voltage category	III(AC), II(DC)
OTHER	
Cooling concept	Nature cooling
DIMENSION AND WEIGHT	
Dimensions[mm]	551*512*204
Net weight[kg]	14.5