

SOLAR CARPORT SP40/5-1

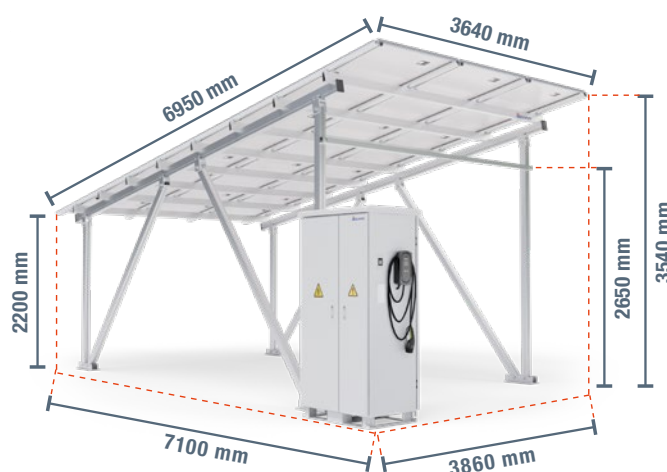
CHARACTERISTICS

- Environmentally friendly generation of energy, for charging your electric vehicle
- Quick and uncomplicated installation in just a few steps
- Simple operation and overview of the charging process via app
- High battery capacity of up to 40 kWh ensures possible charging even in bad weather and at night
- Due to its independence from the grid, the solar carport can be set up in any location



GENERAL

Type	Unit	Value
Total length	mm	7100
Total width	mm	3860
Total height	mm	3540
Total length solar modules	mm	6950
Clearance height	mm	2200
Frame material		Aluminium
Frame weight	kg	194
Sockets	V	2 x 230
Access protection		Keypad
Roof load	kg/m ²	80
Wind load	km/h	108
Rain gutter		optional



SOLAR PANELS

Type	Unit	Value
Width	mm	1722
Depth	mm	1134
Height	mm	30
Weight	kg	22
Max. Power	W	420
Rated voltage	V	31.6
Number of cells		108
Cell material		Monocrystalline silicon
Efficiency	%	21.51
IP class junction box		IP68

INVERTER

Type	Unit	Value
Width	mm	420
Depth	mm	110
Height	mm	310
Weight	kg	14.5
Rated output power	kW	10.2
Max. input power	kW	10.2
Rated output voltage	V	230 (± 5)
Max. DC input voltage	V	500
Max. input current	A	27
Max. solar charging current	A	180
Short-circuit protection		Circuit breaker
Interface		WLAN

WALLBOX

Type	Unit	Value
Width	mm	160
Depth	mm	90
Height	mm	310
Weight	kg	4.9
Number of stages		7
Charging currents	A	8 / 10 / 13 / 16 / 20 / 24 / 32
Charging power	kW	1.8 / 2.2 / 2.9 / 3.5 / 4.4 / 5.3 / 7
Plug type		Type 2
IP protection class		IP54

BATTERIES

Type	Unit	Value
Width	mm	520
Depth	mm	269
Height	mm	228
Weight	kg	12 x 67
Number		12
Rated voltage	V	12
Rated capacity	Ah	280
Battery type		Lead-gel battery