

SolPark: Green solar production station

LSC-W Series (1, 2, 6, 8 & 10 Bay)



Highlights

- Modern and uniquely designed
- LONGi -LR4-72HBD-445M high-efficiency double-sided half-cell modules (445W)
- Advanced module technology
- Bifacial energy yield
- Special aluminum alloy carport profile, concealed wiring
- Prefabricated construction system
- Fast modular assembly
- Solis - three phase premium series grid string inverter
- AFCI protection
- Max. efficiency 98.7%
- Automatic voltage stabilization technology



Fte maximal

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Carport Parameter

Material	Special aluminum alloy 6005-T6 carport profile, concealed wiring				
Code	LSC-W1	LSC-W2	LSC-W6	LSC-W8	LSC-W10
Parking places	1	2	6	8	10
Strip foundation	Concrete				
Wind load	0.5KN/m2				
Snow load	0.7KN/m2				
Tilt angle (roof)	10°				
Durability	Level 14 typhoon, magnitude 9 earthquakes, grade-A product				
Certificate	CE EN 1090-1:2009+A1:2011				
Warranty	10 years				

PV-Module Parameter

PV modules (qty)	12	18	54	72	90
PV module type	LONGi -LR4-72HIBD-445M High-efficiency double-sided half-cell (445W)				
PV module weight (kg)	27.5				
PV module dimension	2094x1038x35mm				
Warranty (output)	30-years extra linear power output				
Warranty (material)	12-year for materials and processing				
PV cabling	Included (IEC 62930:2017)				
Certification	EN IEC 61730-1/2:2018, AC:2018-9, Safety Class II, Fire Safety Class C UL790				
Warranty	10 years				

3 Phase Grid Inverter

Model	S5-GR3P(5)K-LV	S5-GR3P(8)K-LV	S25K-5G	S-30K-5G	S-40K-5G
Max. output power	5.5kW	8.8kW	27.5kW	33kW	44kW
Est. annual power generation (kWh)	4761.9	7142.9	21428.6	28571.4	35714.3
Less CO2 emissions in 25 years (t)	100.9	151.4	454.2	605.6	757
Less dust in 25 years (t)	29.2	43.8	131.3	175.1	218.9
Certification	CE 2014/35/EU, 2014/30/EU, 2011/65/EU (TÜV Rheinland)				



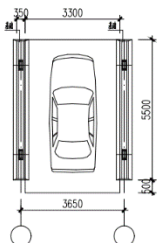
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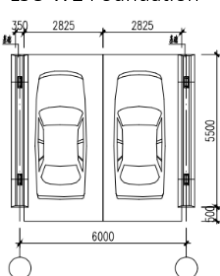


Carport Drawing

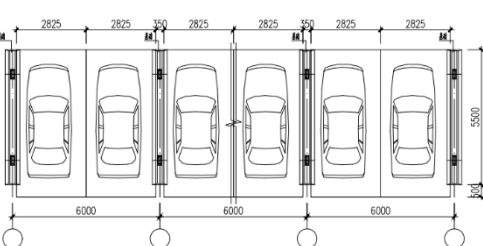
LSC-W1 Foundation



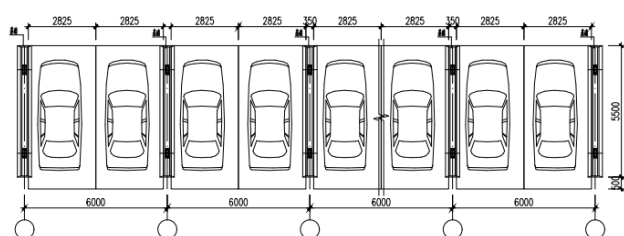
LSC-W2 Foundation



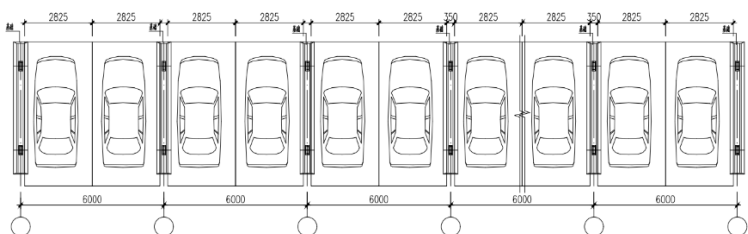
LSC-W6 Foundation



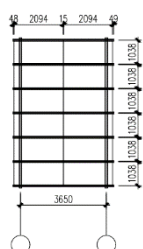
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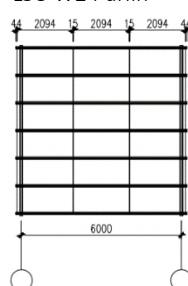
LSC-W10 Foundation



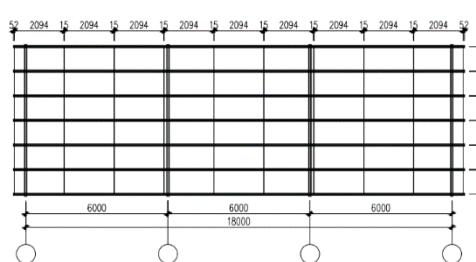
LSC-W1 Purlin



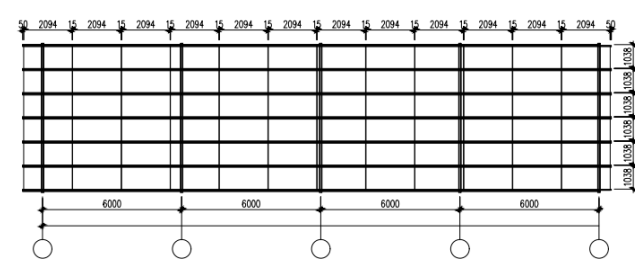
LSC-W2 Purlin



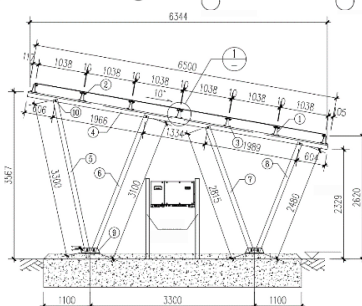
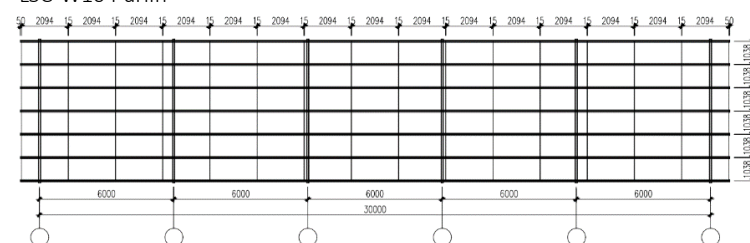
LSC-W6 Purlin



LSC-W8 Purlin



LSC-W10 Purlin



Side view

Disclaimer: Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time.

