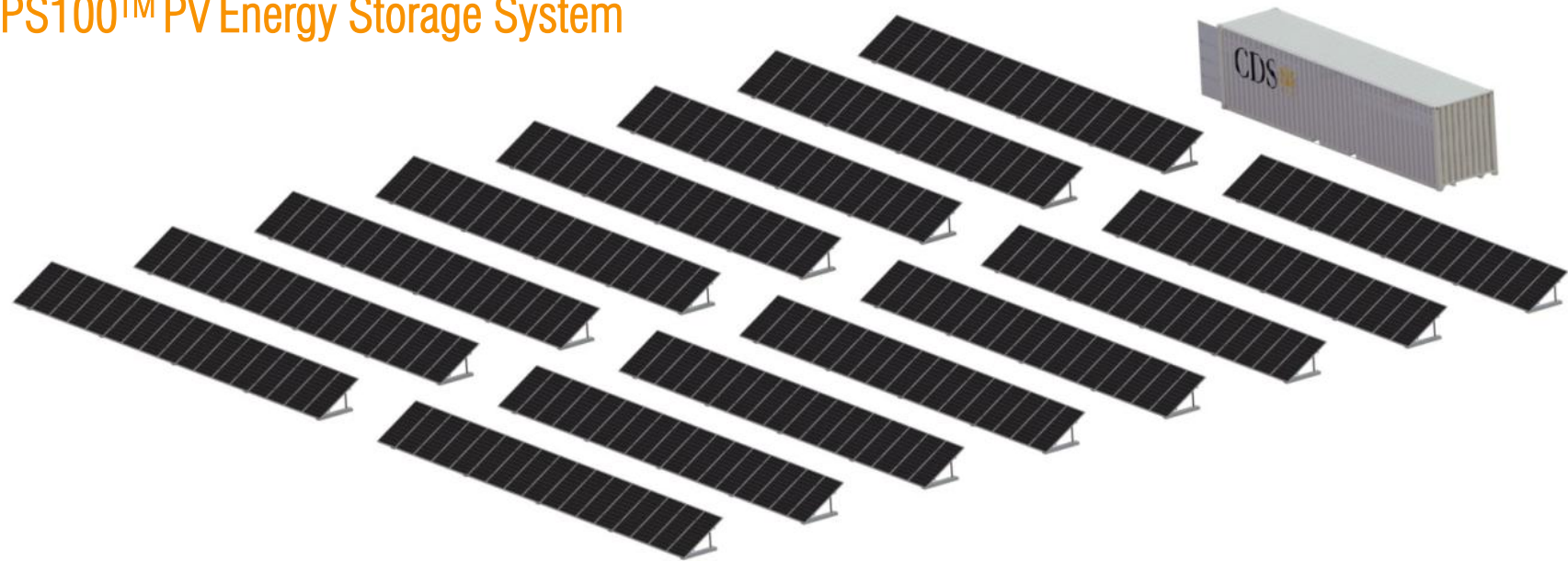


PS100™ PV Energy Storage System



PV Module	
Max Power	330 Wp
Open Circuit Voltage	45.9 V
Nominal Voltage	37.5 V
Short Circuit Current	9.12 A
Nominal Current	8.80 A
Number of String	24
Certification	TUV

PCS (Power converter)	
AC Power	100 kW
Max Input PV Power	110 kW
Nominal AC Voltage	400/480 V
Nominal AC Current	144/120 A
DC Voltage Range	500V – 850V
Frequency	50/60Hz
Certification	CE,ETL

Battery Pack	
Battery Pack Capacity	525kWh
Number of Battery Module	3 units
Battery Module Voltage	729.6 V
Battery Module Capacity	175.1kWh
Battery Type	LiFePO ₄ Battery
Cycle life	5000(90%DOD)
Certification	UL

PV Bracket Structure	
Supporting Structural	Hot-dip galvanized steel
Mounting Structural	Aluminum Alloy
Fastening Piece	Stainless Steel
Max Wind Load	33.3m/s
1. Tilt angle is based on local latitude.	
2. Foundation can use concrete or screw pile.	
3. Time of standard Installation is 1 week.	

SERVICE

Exemplary customer service is tightly woven into CDS SOLAR company’s DNA. We have 10 years of experience, and we know how to best help you speed installation, lower project costs, insure proper maintenance, and answer every question you might have. We’ve got you covered with our on-site tech advisors. Customer service is value – one that we’ve always carried in our DNA, and always will.

Design Service	Site Plan, Layout, Topography Review
On-Site Tech Advisors	Standard and Paid Service