

Balcony Plug and play ESS

POD 2000

- AI automatic management : reduces daily electricity bills by over 75% at most, return-on-investment within 4.1 years (When no subsidy);
- Zero Waste: Pair with Shelly Wireless Smart Meter EM Gen 3 and Plug S Gen 3
- UPS: Maximum 2.4kVA off grid load*
- Package Weight≤ 30kg, reduces shipping costs by 14%



Trusted Energy Storage Solution Supplier

Model	PDS-24/20-LP1	PDS-24/40-LP1	PDS-24/61-LP1	PDS-24/81-LP1	PDS-24/102-LP1
PV Input					
Max.Input Voltage (Vdc)	100				
Max PV Input Current (A)	16A*2				
PV Input Voltage Range (Vdc)	10-100				
Max.Input Power (W)	800W*2				
AC Output (ON GRID MODE)					
Rated Output voltage (Vac)	220~240				
Rated Frequency (Hz)	50/60				
Max.Output Current (A)	10.9A (Default 3.6A)				
Max.Output Power (W)	2400W (Default 800W)				
AC INPUT					
Rated AC Input Voltage (Vac)	220~240				
Max. Input Current (A)	9				
Rated Frequency (Hz)	50/ 60				
Max.Input Power (W)	2000				

Model	PDS-24/20-LP1	PDS-24/40-LP1	PDS-24/61-LP1	PDS-24/81-LP1	PDS-24/102-LP1
Battery					
Expansion Battery Number	0	1	2	3	4
Battery Type	LFP				
Rated Battery Voltage (Vdc)	51.2				
Battery Energy (kWh)	2.048	4.096	6.144	8.192	10.24
AC Output (OFF GRID MODE)					
Rated AC output Voltage	220~240				
Rated Frequency (Hz)	50/60				
Max.output Current (A)	9.09	10.9	10.9	10.9	10.9
Max.output Power (W)	2400	2400	2400	2400	2400
System					
IP Rate	IP65				
Dimensions (W*D*H)mm	480*215*540	480*215*780	480*215*1020	480*215*1260	480*215*1500
Weight (kg)	25	42	59	76	93