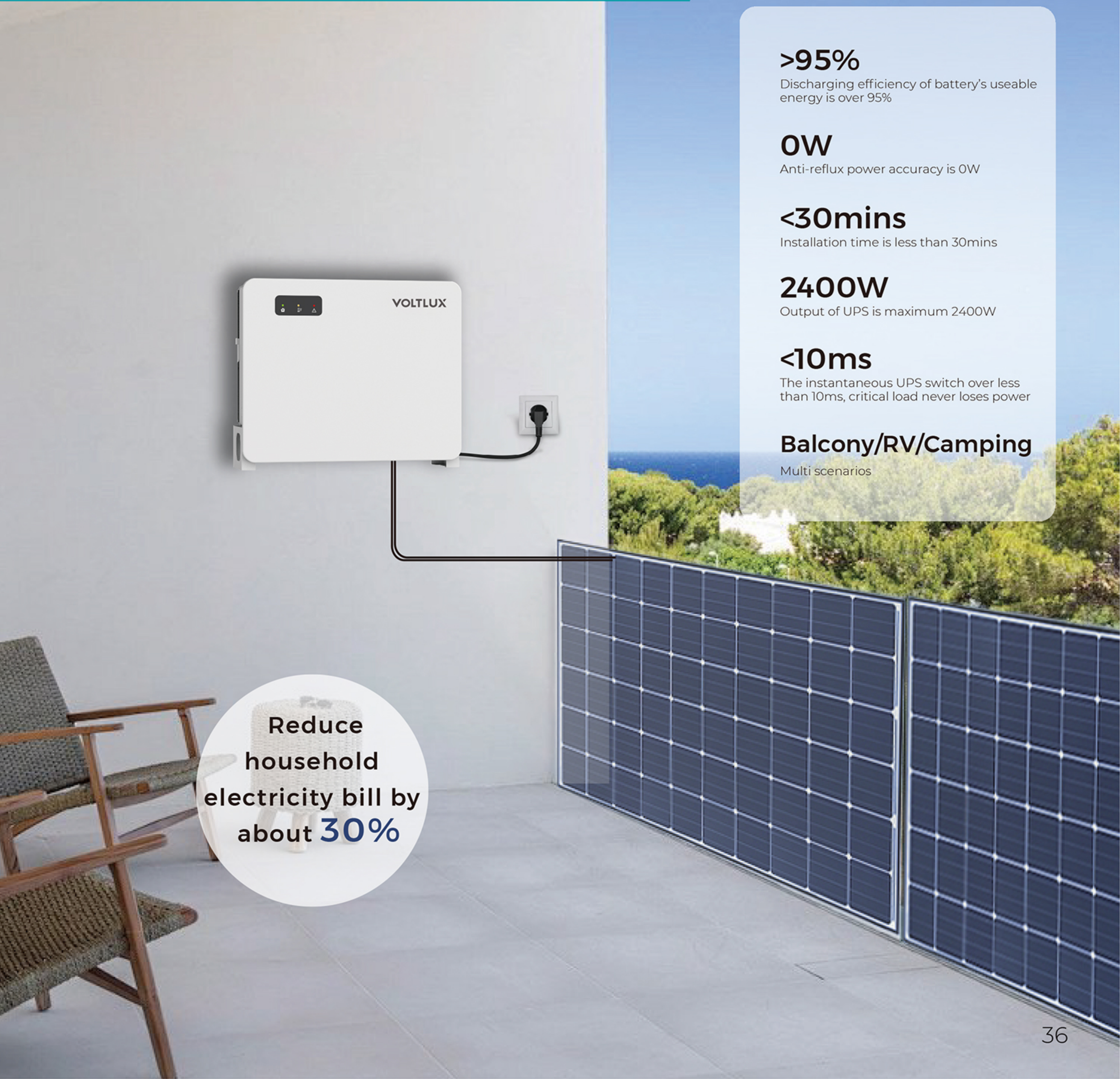


ALL-IN-ONE

BALCONY ENERGY STORAGE SYSTEM

All-in-one Balcony ESS



Technical Specifications

LED Indicator VOLT LUX Hanging wall back frame AC IN&OUT External battery communication port	
Model	DINV024-B3
Basic Parameters	
Nominal Power	2400W
Peak Power	4800W
Machine Architecture	Bidirectional AC/DC Inverter / Buck-boost MPPT
Number of Input and Output Phases	Single Phase Input/Output
AC Output	
AC Output Wiring	Single-phase, two-wire(L,N)+Ground wire
Output Nominal Voltage	230 V
Output Voltage Accuracy	±1%
Output Frequency	50/60Hz
Output Waveform	Pure Sine Wave
Output Distortion THDV	<2%(Linear load)
	<7%(Nonlinear load)
Overload Capacity	5 Min@105%~120%Rated Load
	10s@120%~150%Rated Load
	5s@>150%Rated Load
Efficiency	
Grid Charging	Max. 93% (Basic)
Battery Discharge	Max. 94% (Basic)
MPPT	99.9%
PV Charge	Max. 95%
Eco Mode	<13W(Dormancy,No Output); <30W(No Load)
Shutdown Leakage Current	<100uA
AC Output(On Grid)	
output Wiring	Single-phase two-wire(L,N)+Ground wire
Output Voltage	230 Vac
Output Frequency	50/60Hz
Input Power Factor	≥0.95
Battery and Charge	
Nominal Capacity	2.56kWh
Max Dis/Charge Depth	90%
Nominal Battery Voltage	51.2V
Battery Type	LiFePO ₄
Discharge Cut-off Voltage	49.6 V(Continuously Adjustable)
Charge Current	Maximum 50A ,Can Be Set Digitally,Default 25A
Protection Feature	Overload Protection, Over-Temperature Protection, Input Over-Voltage Protection, Input Under Voltage Protection, Over-Charge Protection, Over-Discharge Protection