



iOneAIO Energy Storage System



· All-in-one Hybrid ESS and EV take you enjoy Zero-carbon.



· 10ms seamless switch when there is black time.



· Wide battery capacity for your different choice.



· Wide Temperature Tolerance.



· More than 8000 cycles lifespan.



· Stack design, installation within 20 minutes individually.



· 24/7 Online Monitoring for Reliable operation.



· Remote upgrade for easy maintenance.



· Fitted to 1-phase or 3-phase grid.



· IP65 protection, suitable for Indoor and outdoor.

Model Name

iOneAIO-Single Phase

System Specification

Nominal Output Power (W)	3000~8000
Capacity Range (KWh)	8~28
Battery Chemistry	LFP Cell
Protection Rating	IP65
Warranty (Years)	10

Inverter Technical Specification	DIHS-P3	DIHS-P3.6	DIHS-P4.2	DIHS-P5	DIHS-P6	DIHS-P7	DIHS-P8
Max. Input Power (W)	4,800	5,760	6,720	8,000	9,600	11,200	12,800
Max. Input Current (A)	15	15	15/15	15/15	15/15	15/15	15/15
Max. DC Input Voltage (V)*	600	600	600	600	600	600	600
MPPT Number/Max. input strings number per MPPT	1/1	1/1	2/1	2/1	2/1	2/1	2/1
MPPT Voltage Range (V)	100-550	100-550	100-550	100-550	100-550	100-550	100-550
Max. Short-circuit Current (A)	20	20	20/20	20/20	20/20	20/20	20/20
Max. Charge/Discharge Current (A)				30/30			
Rated Output Power (W)	3,000	3,600	4,200	5,000**	6,000	7,000	8,000
Rated AC Frequency (Hz)				50/60			
Rated Output Voltage (V)				L/N/PE, 220/230/240V			
UPS Switching Time				<10ms			
Rated UPS Output Power (W)	3,000	3,600	4,200	5,000	6,000	7,000	8,000
Communication				CAN, RS485, WiFi/LAN (Optional)			
Relative Humidity (%)				0~100			
Dimensions (mm)				534W*418H*210D			
Weight (kg)				27			
Self-consumption at Night (W)				<15			
Noise Level (dB)				<25			
Max. Efficiency	97.60%	97.60%	97.60%	97.60%	97.60%	97.60%	97.60%
Compliance	IEC/EN 62109, IEC/EN 61000, EN50549-1, TOR Generator Type A, VDE-AR-N4105						

Battery Technical Specification

DBHV-C4

Module Capacity (KWh)	4
Depth of Discharge (DoD)	90%
Nominal Voltage (V)	57.6
Max. Charging/Discharging Current (A)	50
Operating Temperature Range (°C)	-10~50***
Cycle Life	8000****
Dimension (mm)	600W*196H*380D
Weight (Kg)	36
Battery Packs Connection	2~7 in series

Charger Technical Specification (Optional)

DCHS-K7

Charging Mode	Mode 3
Max. Charging power (W)	7400
Rated output voltage (VAC)	230 (1P)
Rated Current (A)	32
Connector Type	Type 2 IEC62196-2
Rated Frequency (Hz)	50/60
Residual Current Detection (mA)	AC30/DC 6
Cable Length (m)	5
Dimension (mm)	528W*420H*140D
Weight (Kg)	13
Working Temperature (°C)	-20~50
Standards	CE mark (LVD 2014/35/EU EMCD 2014/30/EU IEC 61851-1, IEC 61851-21-2 IEC 62196-2

*Max. operating DC voltage is 600V, max. withstanding DC voltage is 550V

**AS 4777.2: 5.0kW, VDE-AR-N 4105: 4.6kW

*** When the temperature is below 0°C or above 40°C, the performance will be limited.

**** Under specific test conditions

Model Name

iOneAIO-Three Phase

System Specification

Nominal Output Power (W)	4000~12000
Capacity Range (KWh)	12~28
Battery Chemistry	LFP Cell
Protection Rating	IP65
Warranty (Years)	10

Inverter Technical Specification

	DIHT-P4	DIHT-P5	DIHT-P6	DIHT-P8	DIHT-P10	DIHT-P12
Max. Input Power (W)	6,000	7,500	9,000	12,000	15,000	18,000
Max. Input Current (A)	15/15	15/15	15/15	15/15	15/15	15/15
Max. DC Input Voltage (V)*	1000	1000	1000	1000	1000	1000
MPPT Number/Max. input strings number per MPPT	2/1	2/1	2/1	2/1	2/1	2/1
MPPT Voltage Range (V)	120-950	120-950	120-950	120-950	120-950	120-950
Max. Short-circuit Current (A)	20/20	20/20	20/20	20/20	20/20	20/20
Max. Charge/Discharge Current (A)			25/25			
Rated Output Power (W)	4,000	5,000	6,000	8,000	10,000	12,000
Rated AC Frequency (Hz)			50/60			
Rated Output Voltage (V)			3L/N/PE, 220/230/240V			
UPS Switching Time			<10ms			
Rated UPS Output Power (W)	4,000	5,000	6,000	8,000	10,000	12,000
Communication			CAN, RS485, WiFi/LAN (Optional)			
Relative Humidity (%)			0~100			
Dimensions (mm)			534W*418H*210D			
Weight (kg)			26			
Self-consumption at Night (W)			<15			
Noise Level (dB)			<25			
Max. Efficiency	98.10%	98.10%	98.10%	98.20%	98.20%	98.20%
Compliance	IEC/EN 62109, IEC/EN 61000, EN50549-1, TOR Generator Type A, VDE-AR-N4105					

Battery Technical Specification

DBHV-C4

Module Capacity (KWh)	4
Depth of Discharge (DoD)	90%
Nominal Voltage (V)	57.6
Max. Charging/Discharging Current (A)	50
Operating Temperature Range (°C)	-10~50**
Cycle Life	8000***
Dimension (mm)	600W*196H*380D
Weight (Kg)	36
Battery Packs Connection	3~7 in series

Charger Technical Specification (Optional)

DCHT-K11/K12

Charging Mode	Mode 3
Max. Charging power (W)	11000/22000
Rated output voltage (VAC)	400, (3P)
Rated Current (A)	32
Connector Type	Type 2 IEC62196-2
Rated Frequency (Hz)	50/60
Residual Current Detection (mA)	AC30/DC 6
Cable Length (m)	5
Dimension (mm)	528W*420H*140D
Weight (Kg)	18
Working Temperature (°C)	-20~50
Standards	CE mark (LVD 2014/35/EU EMCD 2014/30/EU IEC 61851-1, IEC 61851-21-2 IEC 62196-2

* Max. operating DC voltage is 950V, max. withstanding DC voltage is 1000V

** When the temperature is below 0°C or above 40°C, the performance will be limited.

*** Under specific test conditions