

Model	IQ500/1000	IQ1000/2000
Specs	500kW/1000kWh (20GP)	1000kW/2000kWh (40GP)
DC Specification		
Battery Type	LFP	LFP
Cell Capacity	Ruipu 280Ah	Ruipu 280Ah
Battery Module Connection	1P16S	1P16S
Battery Module Capacity	14.336kWh	14.336kWh
Battery System Grouping Method	1P224S*5	1P224S*10
Battery Module Qty.	70	140
DC Voltage Range	627.2~806.4Vdc	627.2~806.4Vdc
System Capacity	1003kWh	2006kWh
C-rate	0.5C	0.5C
AC Specification		
Rated Power	500kW	1000kW
Rated Voltage	AC380V	AC380V
Rated Frequency	50Hz/60Hz	50Hz/60Hz
Maximum Discharge Power	500kW	1000kW
General Specification		
IP Protection	IP54	
Cooling	Air Conditioner	
Noise Emission	< 68dB (at 1 Meter)	
Altitude	3000m (> 2000m Derating)	
Temperature & Humidity	-30°C~50°C / -22°F~122°F / 0~95% (No Condensation)	
Overload Capacity	110% @10 min; 120% @1 min	
Communication Protocol	Modbus RTU / Modbus TCP	
Fire Extinguishing	HFC-227ea	
Cycle Life	≥ 6000 Times	
Warranty Period	5 Years	
Dimension (W*D*H)	6058*2640*2896mm	12192*2640*2896mm
Weight	17t	30t

* Suitable for factories and park users with a transformer capacity of 500~2500kVA.



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- 📍 Xincheng Industrial Park (Formerly Huafon Industrial Park), Xincheng Sub-district, Rui'an, Wenzhou, Zhejiang, China



Commercial and Industrial ESS

Make AI-Empowered Digital Carbon-Free Benchmark



| Make AI-Empowered Digital Carbon Free Benchmark



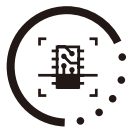
Strong Scalability

Modular design, supports multiple units used in parallel



Intelligent Management

Real-time monitoring of facility operation



All-in-one Integration

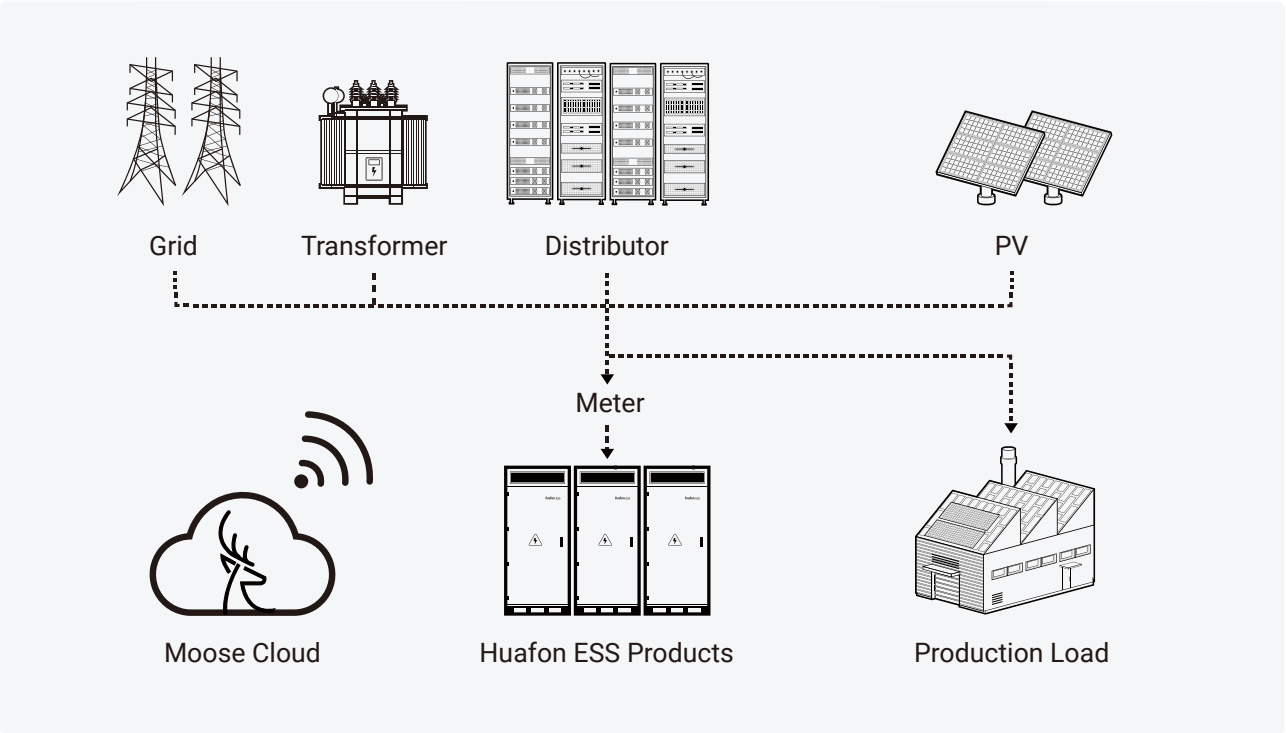
Highly integrated system with a small footprint cabinet



Flexible Configuration

Stable structure adapted to any outdoor environment

| A Quick View of Solution



IC-SERIES All-in-one ESS



Model	IC1-100200-PN
Spec	100kW / 200kWh
DC Specification	
Battery Type	LFP
Cell Capacity	280Ah
Battery Module Connection	1P16S
Battery Module Capacity	14.336kWh
Battery Module Qty.	14
DC Voltage Range	627.2~806.4Vdc
System Capacity	200.704kWh
C-rate	0.5C

AC Specification	
Rated Power	100kW
Rated Voltage	AC380V
Rated Frequency	50Hz / 60Hz
Maximum Discharge Power	100kW
Maximum Charge Power	100kW
Isolation Type	N/A

General Specification	
IP Protection	IP54
Cooling	Air Conditioner
Noise Emission	<68dB (at 1 meter)
Temperature & Humidity	-30°C~50°C / -22°F~122°F / 0~95% (No Condensation)
Overload Capacity	110%@10 min; 120%@1 min
Communication Protocol	Modbus RTU / Modbus TCP
Fire Extinguishing	Aerosol
Dimension (W*D*H)	1163*1085*2550mm
Weight	2500kg

* Suitable for factories and park users with a transformer capacity of 100-500kVA

IT-SERIES Battery ESS



Model	IT1-100200	IT1-250600
Capacity	100kW/200kWh	250kW/600kWh
DC Specification		
Battery Type	LFP	LFP
Cell Capacity	280Ah	280Ah
Battery Module Connection	1P16S	1P16S
Battery Module Capacity	14.336kWh	14.336kWh
Battery Module Qty.	14	42 (3 Sets)
DC Voltage Range	627.2~806.4Vdc	627.2~806.4Vdc
System Capacity	200.7kWh	600.2kWh
C-rate	0.5C	0.5C

AC Specification		
Rated Power	100kW	250kW
Rated Voltage	AC380V	AC380V
Rated Frequency	50Hz/60Hz	50Hz/60Hz
Maximum Discharge Power	100kW	250kW
Maximum Charge Power	100kW	250kW
Isolation Type	Optional	

General Specification		
IP Protection	IP54	
Cooling	Air Conditioner	
Noise Emission	<68dB (at 1 meter)	
Temperature & Humidity Range	-30°C~50°C / -22°F~122°F / 0~95% (No condensation)	
Overload Capacity	110%@10 min; 120%@1 min	
Communication Protocol	Modbus RTU / Modbus TCP	
Fire Extinguishing	Aerosol	

Dimension (W*D*H)	PCS: 1200*1250*2200mm Battery Cabinet: 1200*1250*2200mm	PCS: 1200*1250*2200mm Battery Cabinet: 1200*1250*2200mm*3
Weight	PCS: 730kg Battery Cabinet: 3000kg	PCS: 1450kg Battery Cabinet: 9000kg

* Suitable for factories and park users with a transformer capacity of 300~1500kVA.