

# iCube 100kW/215kWh

*Air-Cooling All in One*



## Power Up Your Business with Seamless Solar & Storage Solutions All-in-One Outdoor Energy Hub System Integration of PV & ESS



Integrated System Design: Simplify your energy management with a fully contained solution tailored for C&I Application.



Maximize your renewable potential – Offered with optional MPPT and STS modules, seamlessly integrate with PV systems.



Perfect for charging stations, factories, industrial parks, and commercial buildings.



Easy Installation & Maintenance: Minimize downtime and streamline maintenance with our user-friendly design.

Product Model	iCube-All in one
PV input	
Nominal PV Power	50-100kW
Max. PV Power	55-110kW
MPPT Voltage Range	200V-650V (600V-650V )Full Load
Max. PV Input Current	110A
AC Output	
Nominal Power	100kW
Max. Output Power	110kW
Nominal AC Voltage	400Vac
AC Frequency Range	50Hz/60Hz
Nominal AC Current	144A
Efficiency	97.30%
Grid Connection	3W+N+PE / 3W+PE
Overload Capacity	Up to110%(Continue), Up to120% by 1 min
Battery System	
Nominal Energy	215kWh
Nominal Capacity	280Ah
Nominal Voltage	768V
Operating Voltage Range	672V-852V
Max.Charge/Discharge Current	140A
System Parameter	
Dimension [W*D*H]	1100*1900*2200mm
Noise Emission	<70db
Relative Humidity	0~95%(non-condensing)
Operating Temperature Range	-20~55°C
Communication	RS485, CAN, Ethernet, Dry contact
Cooling Concept of DC Hatch	Air-cooling

**\*Note:** Deflagration venting is optional configuration, result in different quotation.  
Flexible Configuration of each cabinet in parallel, adaptive to flexible capacity layout.



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