

Vertical All-in-One

IonOne Series

IO5-55



Plug&Play
Installation, Less
Wiring



Top-Notch LFP Class A
Cell/Strict Capacity
Grading



IP20-Certified,
Suitable for More
Indoor Applications



Modular Design,
5kWh Flexible
Configuration



Precise Voltage
/Temperature/SOC
Detection

DATASHEET

Model	IO5-55
Battery Module Type	LiFePO4
Operating Voltage (Input)	90-140Vac $\pm$ 3V
Operating Voltage (Output)	110/120Vac $\pm$ 5%
Nominal Capacity	5.5KW
Max. Continuous Discharge Power	5.5KW
MAX PV Input Power	8.5KW
Maximum PV Input Voltage	500Vdc
Maximum PV Input Current	27A
Best PV Voltage	360~430Vdc
Nominal Energy	5KWh
Usable Energy	5KWh
Dimensions [W/D/H] (mm)	530*180*970mm
Weight [kg]	75kg
Operating Voltage	43.2-58.4V
Recommended Depth of Discharge (DOD)	90%
Charging Temperature Range	0-60℃
Discharging Temperature Range	0-65℃
Communication	RS485/CAN
Cycle life	2500 circulate
Protection Level	IP20
Battery Expansion	16
Certification	MSDS/UN38.3

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