

Vertical All-in-One

IonOne Series

IO16-110



Plug&Play
Installation, Less
Wiring



Top-Notch LFP Class A
Cell/Strict Capacity
Grading



IP20-Certified,
Suitable for More
Indoor Applications



Modular Design,
16kWh Flexible
Configuration



Precise Voltage
/Temperature/SOC
Detection

DATASHEET

Model	IO16-110
Battery Module Type	LiFePO4
Operating Voltage (Input)	90-280Vac $\pm$ 3V (APP Mode) 170-280Vac $\pm$ 3V (UPS Mode)
Operating Voltage (Output)	220/230/240Vac $\pm$ 5%
Nominal Capacity	11KW
Max. Continuous Discharge Power	11KW
MAX PV Input Power	13KW
Maximum PV Input Voltage	500Vdc
Maximum PV Input Current	27A
Best PV Voltage	360~430Vdc
Nominal Energy	16KWh
Usable Energy	16KWh
Dimensions [W/D/H] (mm)	650*265*1170mm
Weight [kg]	170kg
Operating Voltage	43.2-58.4V
Recommended Depth of Discharge (DOD)	90%
Charging Temperature Range	0-60℃
Discharging Temperature Range	-10-60℃
Communication	RS485/CAN
Cycle life	6000
Protection Level	IP20
Maximum Parallel Connection Quantity	16
Certification	MSDS/UN38.3

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