

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	6.2KW
Max. Continuous Discharge Power	6.2KW
MAX PV Input Power	8.5KW
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	0-65℃
Communication	RS485/CAN
Cycle life	2500 circulate
Protection Level	IP20
Battery Expansion	16
Certification	MSDS/UN38.3

This material is for reference only and does not constitute any commitment regarding product performance or specifications. Product design and specifications may be changed at any time.

The Company assumes no liability for any losses arising from the use of this material or the products