



# PME ENERGY STORAGE

100kW inverter / 233 kWh batteries  
(max. 8 units)

100kW 233kWh Outdoor Liquid Cooling Energy Storage Cabinet

## DC Side Parameters

Cell Type	LFP
Nominal Voltage	832 Vdc
Operating Voltage Range	650-949 Vdc
Nominal Capacity	280 Ah
Nominal Energy	233 kWh
Charge/Discharge Rate	0.5C
System Configuration	1P260S
Module Nominal Energy	46.6kWh
Module Configuration	1P52S

## AC Side Parameters

Rated AC Power	100 kVA
Maximum AC Power	110 kVA
Nominal Grid Voltage	230/400 Vac, 3W+N+PE
Voltage Range	345~435 Vac
Nominal Grid Frequency	50/60 Hz
Total Harmonic Distortion(THDi)	<3%
Adjustable Power Factor	-1 ~ 1
DC Component	<0.5% pn
System Voltage Format	TT/TN-S/TN-C/TN-C-S

## System Parameters

Maximum System Efficiency	≥91%&0.25P, ≥89%&0.5P
Charge/Discharge Rate	0.5P
Depth of Discharge	0~95%
SOE Accuracy	<3%
Cycle Life	>8,000 Cycles & 70% EOL 95% DOD
Altitude	<2,000m, Derating Above 2,000m
Operating Relative Humidity	5~95%RH, No Condensation
Operating Temperature Range	-20°C~55°C
Thermal Management Mode	Air Cooling(PCS) + Liquid Cooling & Heating(Battery)
Rated Cooling Input Power	2.5 kW
Rated Cooling Capacity	5 kW
Rated Heating Power	2 kW
Fire Protection System	Aerosol + PACK Level Immersion + Active Warning
Ingress Protection	IP55
Anti-Corrosion Grade	C4
Noise	<72 dB
Dimension(W*D*H)	1,450 mm*1,300 mm*2,160 mm
Weight	~2,600 kg

# Industry Energy Storage

scannez ce qr-code pour  
découvrir l'ensemble  
Industry Energy Storage



Rue du Stordoir, 67  
B - 5030 GEMBLoux  
&  
Bredestraat 4  
B - 2000 Antwerp