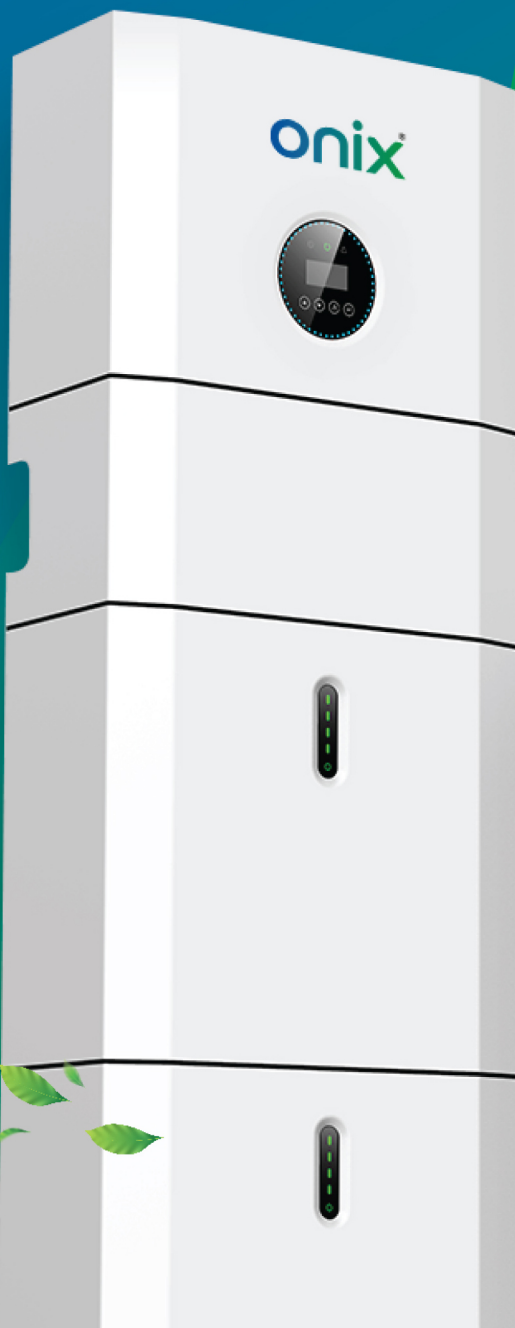


# onix<sup>®</sup>

**POWERWALL**  
Battery Energy Storage

EMPOWERING YOUR  
**ENERGY**  
INDEPENDENCE



## BATTERY INPUT

Battery Type	LFP (Life po4)	LFP (Life po4)	LFP (Life po4)
Nominal Battery volatge	48V	48V	51.2V
Charging volatge Range	40-60V	40-60V	44-58V
Max. Charging Current	50A	50A	160A
Max. Discharging Current	80A	80A	200A
Battery Capacity	100-400Ah	100-400Ah	100-800Ah
Charging Strategy for Li-ion Battrey	Depend on the BMS	Depend on the BMS	Depends on the BMS

## AC OUTPUT (BACKUP)

Max. Output Apparent power	4000VA	5000VA	10000VA
Max. Output Current	16A	20A	14.5A
Nominal Output Voltage	230Vac	230Vac	400Vac
Nominal output ferquency	50 Hz	50 Hz	50 Hz
Out put THDv (@ Linear Load	<3%	<3%	<3%

## EFFICIENCY

Max. PV Efficiency	97.60%	97.60%	97.60%
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## PROTECTION

Anti- islanding protection	yes	yes	yes
Output Over Current protection	yes	yes	yes
DC Reverse polartiy protection	yes	yes	yes
String Fault Detection	yes	yes	yes
DC/AC Surgeprotection	DC Type II, AC Type III	DC Type II, AC Type III	DC Type II, AC Type III
Insulation Detection	yes	yes	yes
AC Short circuit protection	yes	yes	yes

## GENERAL SPECIFICATION

Dimensions (WxHxD) mm	540*590*240	540*980*240
Weight	32KG	49kg
Operating temperture Range	-25°C~ +60°C	-25°C~ +60°C
Nosie (dB)	<25	<40
Cooling Type	Natural Convection	
Max. Operating Altitude	2000m	
Operating Humidity	0~ 95%(No Condensation)	
IP Class	IP65	
Communication	RS 485/CAN2.0/WIFI/4G	
Display	LCD/APP	
Certification &Standard	IEC/EN 62109-1&2, IEC/EN61000-6-1, IEC/EN61000-6-2 IEC/EN61000-6-3, IEC/EN61000-6-4, IEC/EN61000-3-11, EN61000-3-12, IEC60529, IEC60068, IEC61683, IEC62116, IEC61727	

## FEATURES

- ⚡ Smart Indicator
- ⚡ High Efficiency Cell
- ⚡ Less Weight
- ⚡ Compatible for Solar/wind
- ⚡ High Energy Density
- ⚡ Space Saving Design
- ⚡ ECO Friendly
- ⚡ Zero Maintenance
- ⚡ High Battery Life
- ⚡ Low Self Discharge

**CORP. OFFICE / FACTORY :** Plot No. P-212-B, Gate No 2,  
Lodhika G.I.D.C., Metoda, Rajkot-360021, (Gujarat) INDIA.

☎ +91 73000 17000 ✉ [business@onixgroup.in](mailto:business@onixgroup.in) 🌐 [www.onixrenewable.com](http://www.onixrenewable.com)



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