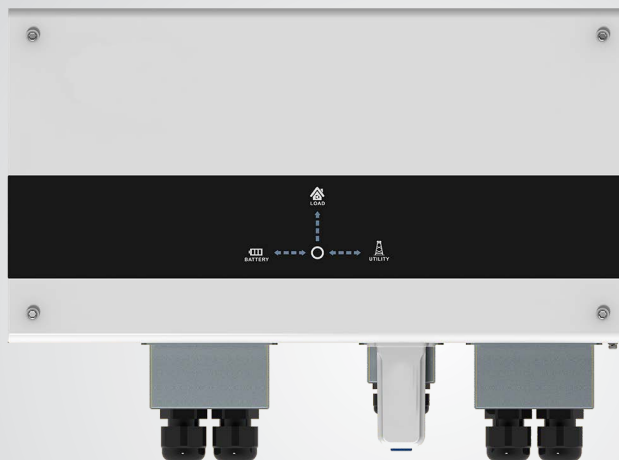


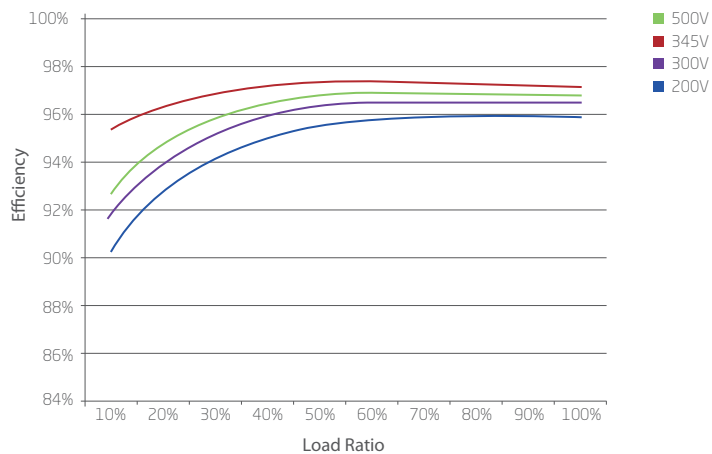
# HYBRID INVERTER AC Coupled Series

## Features:

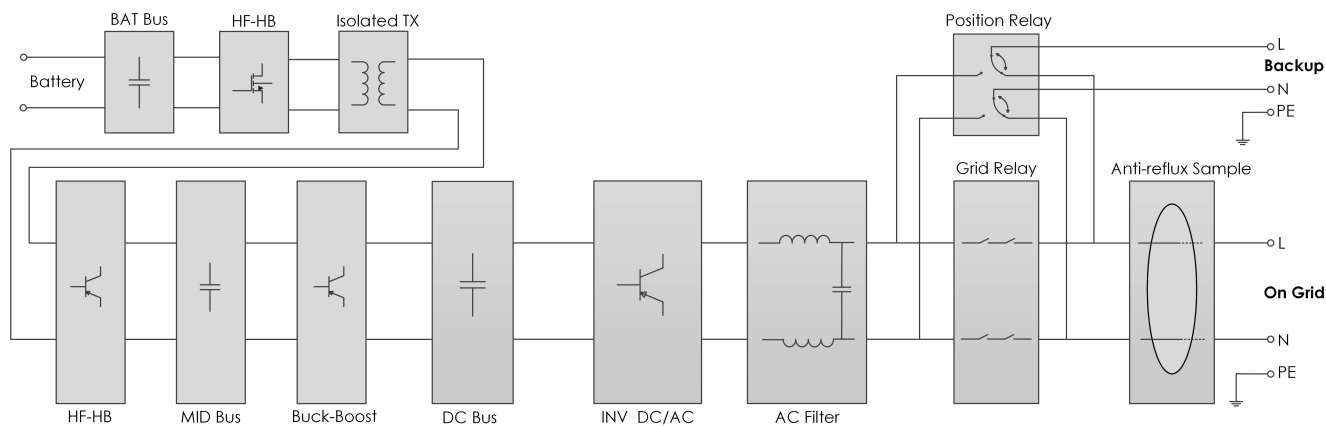
- ◆ Li-ion / Lead-Acid Battery
- ◆ AC Charging and Discharging Power: 3kW
- ◆ Backup Power: 3kW
- ◆ Updating FW Remotely
- ◆ USB for Updating FW
- ◆ APP Setting/Monitoring
- ◆ Wi-Fi / GPRS / 3G / 4G



## Efficiency Chart



## Electrical Diagram



# SPECIFICATION

Specifications	Model	3000AC
<b>AC Data</b>		
Nominal AC Power		3000W
Max. AC Power		3000VA
Max. Operation Current		15.0A
AC Nominal Voltage; Range		230V / 184V ~ 275V
AC Grid Frequency; Range		50/60Hz ±5 Hz
Power Factor (@Nominal Power)		1
Power Factor Range		0.9 Leading...0.9 Lagging
THDi		<3%
Grid Type		Single phase
<b>Battery Data</b>		
Max. Charging Power		3000W
Max. Discharging Power		3000W
Nominal / Operating Voltage Range		51.2V / 44V-58V
Max. Charging / Discharging Current		60A / 60A
Charging Mode		CC, CV, Floating
Battery Type		Li-ion or Lead-acid
Battery Capacity		50 ~ 400Ah (Recommendation)
<b>Backup Data</b>		
Nominal Power		3000W
Peak Power		3600W, 10S
Max. Current		15.0A
Nominal Voltage; Range		230V / 184V ~ 275V
Nominal Frequency; Range		50/60Hz ±5 Hz
THDv		< 3%
Automatic Switch Time		< 5S
<b>Efficiency</b>		
Max. Efficiency		94.50%
<b>Protection</b>		
Output Over Current Protection		Yes
Output Over Voltage Protection		Yes
Ground Fault Monitoring		Yes
Anti-Island Protection		Yes
Leakage Current Protection		Yes
<b>General Data</b>		
Dimensions (W / H / D)		480/260/165mm
Weight		20kg
Operating Temperature Range		-25...+60°C (-13...+ 140°F) With derating above 45°C ( 113°F)
Noise Emission (Typical)		≤ 25 dB(A)
Altitude		Up to 2000m (6560ft) Without power derating
Relative Humidity		95%
Consumption: Operating (Standby) / Night		<5W / < 0.5 W
Topology		Battery Isolation
Cooling		Natural
Environmental Protection Rating		IP65
<b>Features</b>		
Battery Connection		Screw terminal
AC Connection		Screw terminal
Display		LED
Interfaces: Wi-Fi/USB/RS485/GPRS/3G/4G		Standard/Standard/Standard/Opt/Opt/Opt
Warranty: 5 years / 10 years		Yes /Opt
Certifications		CE, CQC, EN50438, IEC 62109-1&2, VDE 0126-1-1,G83/2, AS4777&AS/NZS 3100