AC OUTPUT	
Nominal Voltage	240 V±2% , 50 HZ±0.1%
Nominal Current	22.72A
Nominal Power	5000W
<120% Overload	Operation for >60 Seconds
Bypass Voltage	Following AC Input
Bypass Power	Following AC Input
Output Waveform	Pure Sinusoidal
BATTERY	
Battery Cells	$LiFePO_4$
Battery Voltage	48V
Maximum Total Charging Current	40.0A
Maximum Charging Efficiency	94.5%
Maximum Discharging Efficiency	90.0%
GENERAL PARAMETERS	
Circuit Topology	High-Frequency Transfor mer Isolation
Transfer time	< 20 ms
Standby Power Consumption	< 50W
Power Re-Boost	Output power = Inverter output + Bypass output
Electric Protection	OCP, Short-Circuit, OVP, UVP, Surge Protection, Battery OC etc.
Display	LCD / APP
Operating Temperature	-20°C - 42°C(>40°C, Power direating)
Storage Temperature	-40°C ~ +50°C
Related Humidity	20% - 95% (Without condensation)
relative humidity	40%~60%
Dust and Water Protection	IP20