



LEO PV 7000

HYBRID SOLAR INVERTER



Phase	1-Phase	Battery Mode Output(AC)	
Maximum PV Input Power	7200W	Nominal Output Voltage	220/230/240VAC
Rated Output Power	6200W/6200VA	Output Waveform	Pure Sine Wave
Maximum Solar Charging Current	120 Amp	Efficiency(DC to AC)	94%
Grid-Tie Operation		Battery & Charger	
PV Input(DC)		Nominal DC Voltage	48VDC
Nominal DC Voltage / Maximum DC Voltage	360VDC/450VDC	Maximum Solar Charging Current	120A
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC	Maximum AC Charging Current	100A
Maximum DC Voltage	70VDC~450VDC	General	
Number of MPPT Trackers Maximum Input Current	1/23Amp	Maximum Energy	160 Amp
Grid Output (AC)		Physical	
Nominal Output Voltage	220/230/240VAC	Dimensions D x W x H(mm)	453*334*110
Output Voltage Range	195.5~253VAC	Weight	
Nominal Output Current	27.0A	Net Weight (KG)	10.0
Power Factor	>0.99	Interface	
Feed-in Grid Frequency Range	49-51 +-1Hz	Communication Port	RS232/WIFI/GPRS
Efficiency		Environment	
Maximum Conversion Efficiency(Solar to AC)	98%	Operating Temperature	-10~50C
Two Load Output Power(V2.0)			
Full Load	6200W		
Maximum Main Load	6200W		
Maximum Second Load Upto(Battery Mode)	2067W		
Main Load Cutt Off Voltage	44VDC		
Main Load Return Voltage	52VDC		
Off-Grid Operation			
AC Input			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	40A		
Nominal Operating Frequency	50/60Hz		
Surge Power	12400W		