

# Casa Series

2000~3200W

Provides the most reliable power source to fulfill all your power demands without interruption

Low frequency design

Pure sinewave output

High output power factor up to 1.0

Support various types of loads

3-Steps intelligent charging control

100Amp charging current on 12VDC models

70Amp charging current for 24VDC models

Selectable battery capacity with appropriate charging current

Fan speed control

Automatic transfer switch

Overload, battery low & high voltage protection

High surge capacity

Audible alarms

LED indicators



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Model		Casa 2012	Casa 2024	Casa 3212	Casa 3224
Capacity(Output Power)		2000W		2000W	3200W
Input	Voltage range	184-253VAC+/-4%			85-136VAC+/-4%/184-263VAC+/-4%
	Frequency	50/60 Hz +/-3Hz,autosensing			
Output	Voltage (on battery)	230VAC+/-10%, 1Ø 2Wires			120VAC/230VAC+/-10%, 1Ø 2Wires
	Frequency (on battery)	50/60 Hz +/-0.3Hz			
	Transfer Time	7 ms (typical)			
	Output Wave Form	Pure Sinewave			
	Efficiency	>80%			
Protection & Filtering	Overload Protection	>110% for 60sec, >150% for 20sec			
	Short Circuit Protection	UPS output cut off immediately using inputcircuit breaker protection			
	Surge Protection	6000W			9600W
Indicators	AC Mode	Green LED lighting			
	Inverter Mode	Orange LED lighting			
	Charging Status	Yellow LED blinking with various combination for each mode			
	Low Battery Voltage	Orange LED lighting with audible alarm			
	Fault	Red LED lighting with audible alarm			
Battery	Battery Type	Sealed, lead acid batteries (recommended)			
	Typical Recharge Time	Depending on batteries installed (to 90% Full)			
	Operating Voltage	12VDC	24VDC	12VDC	24VDC
	maximum charging current	70A	35A	100A	70A
	Charging Mode	Constant Current Mode/Constant Voltage Mode/Floating Mode			
	Battery Protection	Cuts off without draining any current when battery is low			
Physical	Back up time (at full load)	Long time available			
	W x D x H	217x 381x179 mm			227x 579x179 mm
	Net Weight	20Kg(44lb)			25Kg(55lb)
Environment	Operating Temperature	0°C ~ 40°C			
	Storage Temperature	-15°C~ 60°C			
	Audible Noise	< 60 dBA (at 1 meter from surface)			
	Relative Humidity	0 ~ 95% humidity, non-condensing			
Standards & Certifications	Performance	EN50091-3/IEC 62040-3			
	Safety	UL 1778, CE, EN 50091-1,EN 60950 (RD/), IEC 60950			
	EMC (EMS / EMI)	IEC 61000-4-2/-3/-4/-5/-6/-8/-11, IEC 61000-3-2/-3, FCC Part 15, CISPR 22, EN 50091-2/IEC62040-2,EN 55022/B, FCC 47 part 15-SubpartB-Class A			
	Desian. production. and services	ISO 9001			
	Environment	ISO 14001 certified company			
	Marking & Certifications	CE, TUV/GS, UL, cUL, c-Tick			



Casa 2000



Casa 3200

LFCasa2000-3200ENQ109

