

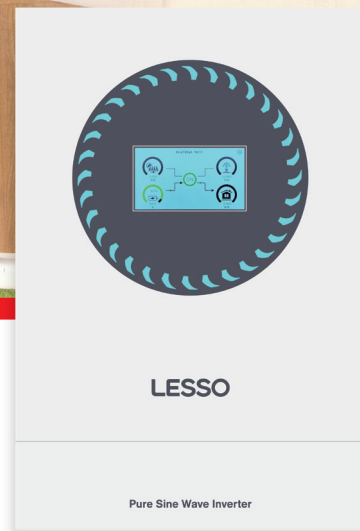
LESSO



Hybrid Inverter

LEC-622A4B2F2-TF

6.2kW | Single phase | 1 MPPT



Intelligent Charging, Safe & Reliable

Adaptive charging recognition and built-in battery activation enable safe, controllable charging



Intelligent Interconnection, Real-time Control

Supports remote monitoring via APP and web terminal, enabling visualized energy status and intelligent dispatch



Parallel Expansion, Flexible Capacity Expansion

Enables six-unit parallel connection with extensive power coverage for residential energy applications



Dual Output, Worry-free Power Supply

Enables load zoning management, enhancing power stability and energy utilization efficiency



Load Expansion, Unlimited Power

Expands loads via dedicated wiring to break power limits and attain unrestricted load capacity



Anti-reflux Compliance, Economical Power Use

Equipped with CT intelligent anti-reflux monitoring to precisely regulate current flow, ensuring full compliance and power savings

Model	LEC-622A4B2F2-TF
Battery Input Data	
Battery type	Lithium or lead acid battery
Rated voltage	48V
Maximum charge/Discharge current	120A/143A
PV Input Data	
Maximum DC input power	8500W
Maximum DC input voltage	500Vdc
MPPT voltage range	60~500Vdc
Starting voltage	90Vdc
Maximum input current	27A
MPPT number	1
AC Output Parameters (On-Grid)	
Rated output apparent power	6200VA
Rated output voltage	220/230/240Vac, L+N+PE
Rated output frequency	50Hz/60Hz
Max output current	26.9A
Output power factor	1 (-0.8 leading~+0.8 lagging)
AC Output Parameters (Off-Grid)	
Rated output apparent power	6200W
P-P output power	>200%, 400ms
Rated output voltage	220/230/240Vac, L+N+PE
Rated output frequency	50Hz/60Hz
Rated output current	26.9A
Efficiency	
Maximum efficiency (PV)	98%
Maximum efficiency (BAT)	94%
Other Parameters	
Display	LCD
Communication	RS232/RS485/Dry Contact (Optional: WIFI data collector)
Parallel connections	1~6 units
Anti-Backfeed function	Yes
Operating temperature range	-10~+50°C
Humidity range	20~95% (No-condensation)
Altitude	≤1000m, >1000m derated
Cooling method	Intelligent forced air cooling
Net weight	11.60kg
Machine size (H×W×D)	483×313×143mm
Gross weight	13.06kg
Package size (L×W×H)	560×382×215mm
IP rating	IP21
Topology	HF isolation (Battery side)
Standards	EN IEC60335-1, EN IEC60335-2-29, IEC62109-1

Remarks: Specifications are subject to change without notice.