

JC6500

The JC6500 is a pure sine wave, multi-function control module, that combines the functions of an inverter and a charger, enabling either grid-connected or solar charging, to offer uninterruptible power support in one unit. Especially suited for applications with multiple 120V power draws, built-in smart features unlock optimal battery performance and lifespan making this inverter the cornerstone of your clean energy system.



BEST INVESTMENT

No fuel. No maintenance. No downtime. It all adds up.



EXPANDABLE OUTPUT

Need big power? Parallel up to six units for 39kW (continuous)/78kW (pulse) of power.



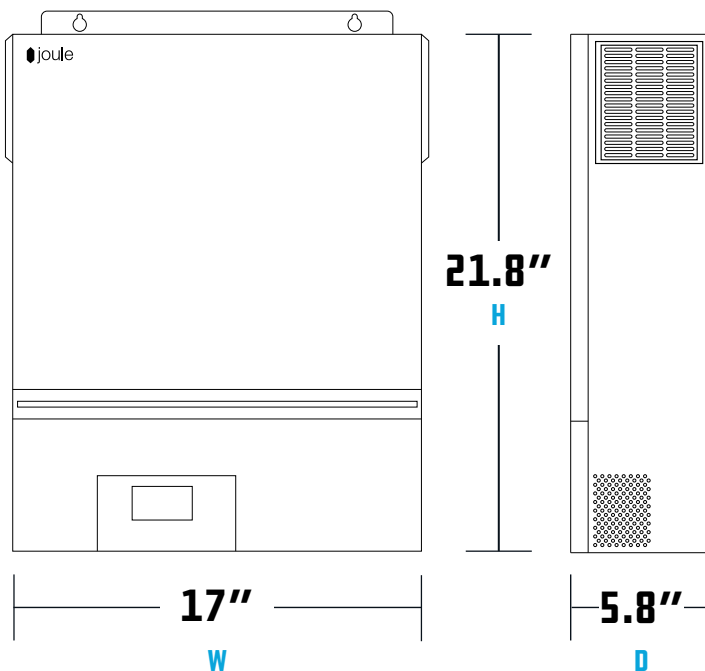
QUIET PERFORMANCE

Nearly silent, ultra-reliable power makes a loud statement.



UNWAVERING STANDARDS

The JC6000 is built to the highest industry standards and is backed by a full warranty.



TYPE	Pure Sine Wave
TECHNOLOGY	High Frequency
AC OUTPUT	120VAC±5%
AC OUTPUT POWER, CONTINUOUS	6500 VA
AC OUTPUT POWER, 5 SEC PULSE	13,000 VA
240VAC CAPABLE	Yes, with minimum two units in parallel
THREE-PHASE CAPABLE	Yes, with minimum three units in parallel
PARALLEL CAPABLE	Yes, up to 6 units in parallel
EFFICIENCY	> 90%
AC CHARGING CURRENT	Programmable, 120A max to battery
MAX AC BYPASS CURRENT	60A
TRANSFER TIME, BYPASS TO INVERTER	20ms. typical
SOLAR MPPT CHARGERS	4000W x 2
SOLAR PV ARRAY VOLTAGE	250V max., 90 - 230V operating
DISPLAY	LCD, removable
DATA BUS	RS232, USB
WIFI CONNECTIVITY	Yes
DRY CONTACT	Yes, for generator auto-start on low battery
DC INPUT VOLTAGE RANGE	40 - 60 VDC
NO-LOAD POWER CONSUMPTION	TBD
DIMENSIONS	17" W x 5.8" D x 21.8" H
WEIGHT	40.5 lbs.
OPERATING TEMPERATURE	-10°C to +40°C
CERTIFICATIONS	UL, CE, ROHS