



AV POWER BOX

6 kW / 8 kWh NMC

Integrated mobile energy system for backup, off-grid and portable power applications with smart monitoring.

6 kW

RATED OUTPUT

8 kWh

ENERGY STORAGE

177 Ah

NOMINAL CAPACITY

80%

USABLE CAPACITY

MODEL

AVPB-6K-8N

TECHNICAL SPECIFICATIONS

Rated AC Output	6 kW
AC Output	230 VAC / 50 Hz
Output Waveform	Pure sine wave
Battery Chemistry	Lithium-ion NMC
Battery Energy	8 kWh nominal
Nominal Capacity	177 Ah
Usable Capacity	80%

Maximum PV Input	6.5 kW
PV MPPT Range	60-450 VDC
Max Solar Charge	120 A
AC Grid Input	230 VAC
Grid Input Protection	32 A, 2-pole MCB
AC Interface	32 A industrial connectors
Smart Monitoring	Avrio Link enabled

KEY FEATURES

- Solar + grid charging
- Mobile wheeled enclosure
- Pure sine wave AC output
- Voltage / overload protection
- Remote battery monitoring
- Smart alerts via Avrio Link