

SR Portables Apollo delivers you energy independence and power security by providing uninterrupted electricity supply, especially during power outages, whilst reducing your electricity bills.

These all-in-one portable products with an in-built MPPT charger, UPS, inverter & lithium-ion battery pack generate & store energy, and independently power larger facilities like entire offices, homes, factories & more. An ideal substitute for diesel generators & home inverters, they also offer reverse net metering to profit from feeding excess energy back to the grid.

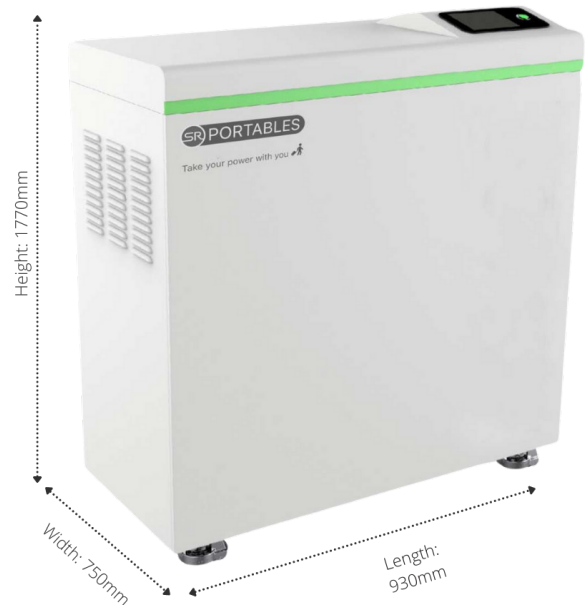
The Apollo is fully portable and can be used for both on and off grid applications. These units come with our proprietary IESS smart technology module that intelligently optimises energy flows between solar and the grid and helps in reducing your electricity bills.

Using a mobile application, energy production & consumption can be monitored anywhere, real-time, which gives the user complete control on their electricity bills. The application also provides consistent usage data and troubleshoot support.

Technical Specifications

Performance Specifications

AC Voltage (Nominal)	100V-120Vac OR 220V-240Vac
Feed-In Type	Single Phase
Grid Frequency	50Hz/60Hz
Total Energy	15kWh
Usable Energy	12kWh
Real Power, max continuous	5kw
Real Power, peak	7500W
Apparent Power, max continuous	4500W
Apparent Power, peak	6750W
Maximum Supply Fault Current	38A
Maximum Output Fault Current	33A
Overcurrent Protection Device	Yes
Imbalance for Split-Phase Loads	n/a
Power Factor Output Range	1
Internal Battery DC Voltage	51.8V(42-58.5V)
Round Trip Efficiency	≥80%
Warranty	5years



Compliance

Certifications	CE
Emissions	CE

Mechanical Specifications

Dimensions	L930*W750*H1770mm
Weight	420kg
Portability	With Wheels

Environmental Specifications

Operating Temperature	0~45°C(charge). 0~60°C(discharge)
Recommended Temperature	0~45°C(charge). 0~60°C(discharge)
Operating Humidity (RH) 5%-90%?	RH: 5%~90%
Storage Conditions ?C to ?°C Up to ?% RH, non-condensing	-20°C-55°C
State of Energy (SoE): ?% Initial	0.8
Maximum Elevation	≤2000
Environment Indoor and outdoor rated Enclosure Type	Indoor
Ingress Rating	IP21
Wet Location Rating Yes	IP21
Noise Level @ 1m	< 35dB