

FPS Mini

HYBRID POWER SYSTEM

The FPS Mini is a compact, deployable hybrid power system combining solar, battery storage and automatic backup generation.

Designed for rapid deployment and reliable performance in remote and off-grid applications.

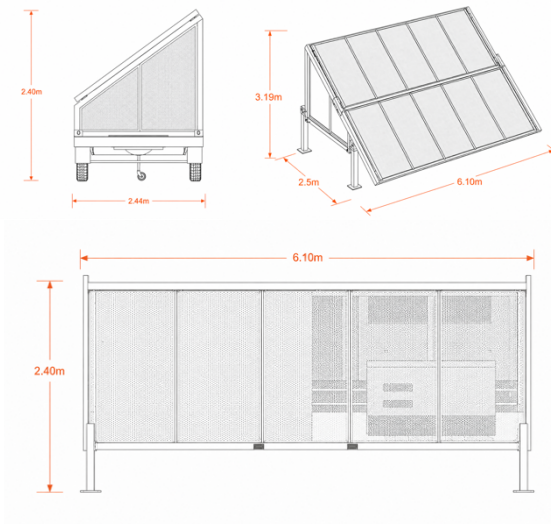


TECHNICAL SPECIFICATIONS – FPS MINI

FPS Mini Hybrid Power System



DIMENSIONS



ELECTRICAL SPECIFICATIONS

	Mini-15	Mini-20	Mini-25
Output Type	Single Phase		
Maximum Continuous Output	14.3 kVA	19.3 kVA	24.3 kVA
System Peak Output	24.3 kVA	17.3 kVA	36.3 kVA
Solar Array Size (Roof Mounted)	3075 W	6150 W	6150 W
Expandable Solar (Quick Deploy)	Yes		
Backup Generator Output	9.3 kVA		
Battery Capacity (Usable)	Up to 50 kWh		
Battery Chemistry	LiFePO ₄	LiFePO ₅	LiFePO ₆
Nominal AC Voltage	240V AC		
AC Frequency	50Hz		
Inverter Type	Pure Sine Wave, Transformer Based		

PHYSICAL SPECIFICATIONS

	Mini-15	Mini-20	Mini-25
Length	6.10m		
Width (Packed)	2.44m		
Height (Packed)	2.40m		
Width (Deployed)	2.5m	4.08m	4.08m
Height (Deployed)	3.19m	3.19m	3.19m
Weight	2.1t	2.4t	2.4t
Fuel Capacity	100L		
Noise Level (Generator Running)	59 dB @ 7m		
Noise Level (Solar/ Battery)	Silent		

SYSTEM FEATURES



HIGH EFFICIENCY SOLAR ARRAY

Integrated roof-mounted solar array designed to support daytime



INTEGRATED BATTERY STORAGE

Built-in LiFePO₄ battery storage for quiet operation and reliable stored



AUTOMATIC BACKUP GENERATION

Intelligent backup generation ensures continuous power availability when required.



TRAILER-MOUNTED DESIGN

Road-towable platform enables efficient relocation between remote, temporary, and mobile worksites.



LOW MAINTENANCE

Robust construction and proven components reduce maintenance demands and lifecycle costs.



RAPID DEPLOYMENT

Operational onsite within minutes, minimising setup time and project delays.