DP1715ADF Domestic Back-up Power System adopts large format Lithium Iron-Phosphate cells to provide 1.7kWh of energies for use in form of AC and DC power. It uses advanced Battery Management System (BMS) to enhance system performance, prolong life, and warrant safety. It has long cycle life (2000), fast charging/ discharging rates, great conversion efficiencies (90%) and is safe to use, compact and easy to transport.

Features

1. Dual input - AC & PV with single input option
2. High efficiency (>90% for both charger & inverter)
3. Very quiet operation (no fan)
4. In-house battery management techniques (patent pending)
5. Master system control switch and individual output control switches
6. Hot-pluggable add-on battery (patent pending)
7. Stable & reliable name-brand battery cells from fully automatic production lines
8. Luggage style portability for easy transportation
9. Capacity indicating lights
10. Long life (2000 full discharge cycles)

Applications

1. Domestic power sources (home & office uses)
2. Portable power sources (lighting, camping, outdoor uses)
3. Emergency backup power (medical, factory, natural disaster uses)

Specifications

Model	DP1715ADF
Rated Energy	1.7kWh, easy to expand to 3.4kWh with 1.7kWh hot- pluggable add- on battery
Input	Dual input sources- AC (100-120V, 50/60Hz) & PV (40-100Vdc)
Output	Selectable Voltages (100V/120V) & Frequencies (50Hz/60Hz) Dual USB outlets for 5V@2A DC power
Normal Operating Temperatures	Charging: 0-45℃ ; Discharging: -20-55℃ *Consult factory for operations beyond normal operating temperatures
Protection	Over-charge, Over-discharge, Over-temperature, Under-temperature, Over-current, Short-circuit protections
Dimension LxDxH (mm)	600 x 390 x 250
Weight	29kg
Regulatory (pending)	PSE, VCCI, IEC62040