

EMERGY 3000

Energy Storage System



All in One

Charger, Inverter, Battery
Plug and Play

Portable

Compact Size Design,
Easy to Transport

High Efficiency

No Fan, Quiet Operating

PV Charging



Features

- Dual input - AC & PV
- High power charger (600W) and Inverter (1.5kW)
- High conversion efficiency (>90%)
- Quiet operating (no fan)
- In-house battery management techniques (patent pending) including active battery block balancing
- Master system control switch (for prolong storage) and output control switch
- LED capacity indicator
- Stable & reliable name-brand battery cells from fully automatic production lines

Running Time for Select Loads

Electrical Equipment		Power Consumption	Running Time
Lighting	Camping Lantern	5W	468.0 hours
	LED Lighting	10W	234.0 hours
	LED Searchlight	30W	78.0 hours
	Fluorescent Lamp	36W	65.0 hours
Home Appliance	Radio	10W	234.0 hours
	Electric Fan	66W	35.5 hours
	Refrigerator	130W	18.0 hours
	42" LCD TV	200W	11.7 hours
	Sound System	200W	11.7 hours
	Toaster	600W	3.9 hours
	Electric Pot	800W	2.9 hours
	Heater	1,000W	2.34 hours
	Induction Cooker	1,200W	2.0 hours
3C Device	Smart Phone	2W	1170.0 times
	Tablet	20W	117.0 times
	Notebook Computer	40W	58.5 hours
	Projector	200W	11.7 hours
	Desktop PC & Monitor	310W	7.5 hours
	Laser Printer	500W	4.7 hours

Specification

Model		DP2615ADN	DP2615EZN
Rated Energies		2.6kWh	
Battery		Lithium Ion	
Inputs	AC	100-120V, 50-60Hz	220-240V, 50-60Hz
	PV	50-110Vdc ¹	65-110Vdc ¹
Outputs	AC	100V or 120V, 50Hz or 60Hz, 1.5kW	220V or 230V, 50Hz or 60Hz, 1.5kW
	DC	5V@2.5A (USB)	
Transfer Time		16 mS typical	
Operating Temperatures		0-40°C ²	
Protections	Battery	Over-charge, Over-discharge, Over-temperature, Under-temperature, Over-current, Short-circuit	
	Charger/ Inverter/DC	OVP, OCP, SCP, OTP	
Dimensions (LxDxH)		390 x 220 x 680 mm	
Weight		30 kg	
Safety ³		UL1973	EN62040/CE

1. Will charge the battery as long as PV voltage is higher than battery voltage, but may be at slower rate.

2. Consult factory for operations beyond normal operating temperatures.

3. Designed to comply.

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