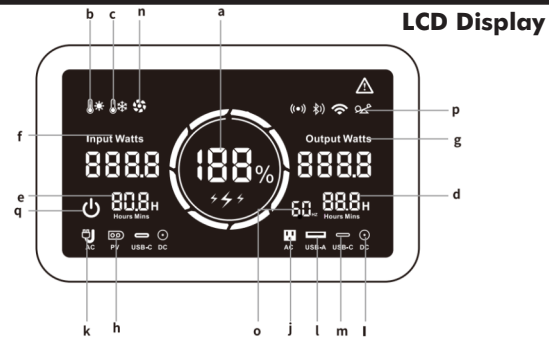




ECO 1024 Power Pack



- a. Battery Power Percentage
- b. High Temperature Indicator
- c. Low Temperature Indicator
- d. Estimated Remaining Service Time
- e. Estimated Remaining Charge Time
- f. Input Power
- g. Output Power
- h. PV Icon
- i. DC Icon
- j. AC Output Icon
- k. AC Input Icon
- l. USB -A Output Icon
- m. USB -C Output Icon
- n. Fan Icon
- o. Frequency
- p. Overload Icon
- q. Switch Icon

The Dayliff ECO1024 Power Pack is a highly effective hybrid portable power supply solution for off-grid applications or use as domestic mains power backup system with the selectable options of both AC and DC charging and power outputs. Features include:-

- Electrical energy storage in a high-capacity Lithium-Ion battery rechargeable either from mains AC power supply, PV solar modules or a DC car charger.
- Power output from either twin AC output sockets or pure sine wave DC output sockets or USB ports suitable for use with laptop computers and other sensitive DC powered equipment.
- LCD display presenting various operational data including available battery power charge, input charging rate, output discharge rate and various system indicators and warnings.
- n-built input and output overload protection.
- Supplied complete with all accessories for the various charging options.

The Dayliff ECO 1024 Power Pack is the ideal solution to all recreational and worksite applications and emergency situations where electric power is required. It gives many benefits over the alternative engine power generator including no expensive fuel required, silent in operation, fumeless and maintenance free. It provides output power on demand without system losses and is a highly cost-effective power supply solution.

TECHNICAL SPECIFICATIONS

DAYLIFF ECO 1024 Power Pack	Model ECO 1024
Nominal Battery Voltage	24VDC
Inverter Output	
Nominal Output Rated Power	1000W
Output Voltage Waveform	Pure Sine Wave
Output Voltage Regulation	230V +/-5%
Output Frequency	50Hz (+/-0.2Hz)
Peak Efficiency	2000W (max)
Standby Consumption	240V < 25W
PV Input	
Max Solar Power Input	600W (2x280W PV Modules)
PV Max Charging Current	25A
Max Efficiency	95%
PV Array Open Circuit Voltage	80V (max)
PV Array MPPT Voltage Range	12-72V
AC Input	
AC Input Voltage	240VAC
Nominal Input Frequency	50Hz
Transfer Time	<15ms
Charging Current @Nominal Input Voltage	600W @ 240VAC

AC Input	Model ECO 1024
Charging Algorithm	Equalize - Trickle charge
Output	
AC Output	240VAC (2No. Sockets)
Car Charger Output (cigarette lighter)	120W
DC Output (DC5521)	60W x 2
USB-C (Type-C)	PD18Wx1 + PD60Wx2
LED (white light)	2W
Lithium Battery	
Energy	1075Whrs
Nominal Voltage	25.6V
Battery Capacity	42Ah
Protection Board	100A
Standard Charging & Discharge Current	Charing@25A: Discharge@50A
Operation Temperature	Charge 0°C to 45°C Discharge -10°C- to 60°C
Specifications	
Dimensions (WxHxD)	440.0x233.2x263.3mm
Packaging Dimensions (WxHxD)	504.0x314.5x345.0mm
Gross Weight	17.9kg