



BATTERY CAPACITY MULTIPLIER + GRID POWER DETECTION

Overview

OffGrid Controller is a combiner hub for your batteries to multiply usable capacity for use with LS-PSW3000 Off Grid Inverter. It detects when grid power goes down and automatically turns on power to the backup inverter to supply power to an off grid branch circuit where you can power all of your basic necessities in any emergency. When power goes out, lights and appliances connected to this branch automatically turn on. When power comes back, the emergency branch circuit automatically turns off.



Parameter	Value
Input	1-4 24V lithium iron phosphate and/or sealed lead acid batteries
Output	24V DC Off Grid Inverter
Max current / Power	125A / 300W
AC Detect	100VAC - 240VAC
Indicators	4 Bi-Color LEDs
Operating temperature	-40°C to 80°C
Static current	20mA
Dimensions	11.5 x 8.25 x 3.2 in (292 x 210 x 81 mm)
Weight	8.0 lbs (3.63kg)
Protection	AC Fused, batteries none (lithium must have BMS with short circuit protection, lead acid batteries must be fused)



< 40mS Quick grid power outage detect and switch-over.



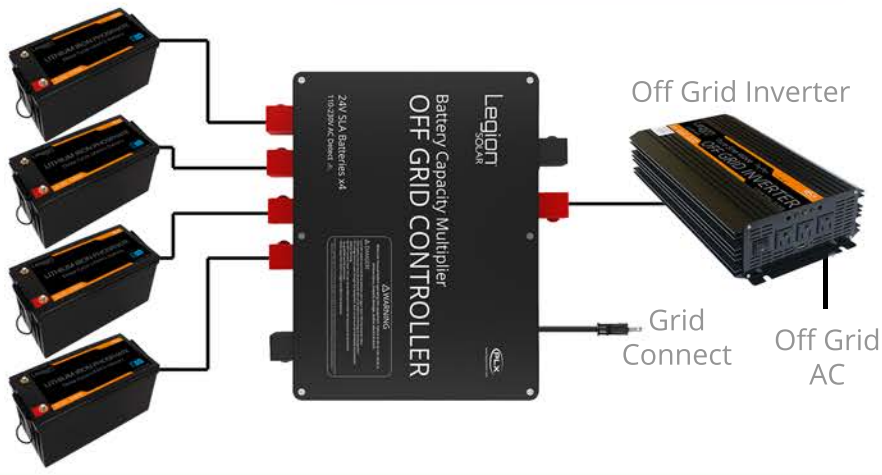
Persistent battery health monitor with LED indicators



Easy connect with protected ring terminals



5 year limited warranty



DS LS-OffGridController V1.1