



Small Grow

Cat5 Small Grow is the product of many months of planning and design of the world's first completely off grid cultivation unit. It marries together Cat5's technology, with Alpha Outback's off grid solution, and sophisticated lighting and control systems.

This unique solution allows all facets of a crop's cultivation cycle to be precisely monitored and controlled in a superior environment to optimize efficiencies, opening the door to off-grid deployments for cost savings and operation in underserved areas. Ships easily and assembles in minutes to get you up and running in no time.

The Cat5 unit has a base size of 10'x20'x10' and is customizable up to 40' long. Each unit manufactured completely from Cat5's system comes fully equipped with managed solar power, a battery system, all necessary electrical connections, an NFT grow system, and state of the art LED lighting system.



PERFECT FOR ALL CULTIVATION, ANYWHERE

Grow System	
Supply/Return	Integrated
NFT Grow Rails	4" x 4" x 100"
Plants	535 x 2" baskets
Nutrient Depth	Adjustable
Pump	7495 L/h
Reservoir	100 Gallon



Light System	
Light Source	LED
Spectra	3000K
Power	75-750 Watts
Mounting Height	15-100 cm
Mounting	Electric Hoist
Monitoring	Outback Power

DC System	
BIPV Solar	10.5 kW
Battery Storage	57.6 kWh
System Voltage	48 Vdc
Monitoring	Optics RE

Environment	
Structure	EHT EnerTech FRSIP
Interior	Seamless EnerTech
Air Conditioning	Heat / Cool
Fans	2

AC System	
Inverters	7.2 kW
Supply	120/240 Vac
Service Panel	60 Amps
Monitoring	Optics RE

