

# High Efficiency Solar Pack

## PORTABLE FIELD POWER PACK

### 1KW Rating



- 1kW Peak Power
- Stored Energy Options 1, 2, 3kWh
- Versatile
- Multi Purpose
- Portable

The Silicon CPV Field Power Pack is a man portable device to provide electrical power for battery charging and small equipment items such as Mobile Servers, Laptops, Radio Equipment, Medical Devices and other mobile communications where access to fossil fuels is restricted or silent operation is required. The high efficiency design reduces the time required to charge battery packs in the sun.

The Silicon CPV Field Power Pack will enable a reduction in the need for fuel oil transportation and storage in forward operations and provide a reliable energy source for multiple powered and battery charging activities in remote locations aiding operations such as;

Army (Intelligence, IT & Comms)

- Allows battery powered intelligence gathering and sensing equipment to operate longer without battery resupply

Army (Logistics & Support)

- Reduces dependence on fossil fuels and supply chains for replacement of batteries with low charge

Army (Medical)

- Provide renewable energy in "first Response" situations.



Specifications	Field Power Pack
<b>POWER RATING</b>	
Power Rating	1kW Maximum Peak Power
<b>ENERGY SOURCE</b>	
Energy Source	Solar Panels
	Power Grid
	Generator
<b>POWER SOURCE</b>	
Power Source	Lithium Polymer Battery Technology
	Safe
	Long Life
	Lightweight
	Highest Power Density
	Commercially Available
	Advanced Battery Technology
<b>STORED ENERGY OPTIONS</b>	
Stored Energy Options	1kWh Energy Pack - Weight 13kg
	2kWh Energy Pack - Weight 20kg
	3kWh Energy Pack - Weight 27kg
<b>STORAGE CAPACITY</b>	
Storage Capacity	Configurable
<b>INVERTER SUPPLY</b>	
Secure switch	Power On/Off via Keyswitch

\*Product specifications are subject to change without further notice