

Ruggedized Power Center 1RU-RPC



BATTERY DETAILS:

Cell Type: LiFePo4
 Peak Capacity: 20 Ah, 256 Wh
 Lifecycles: over 2,000
 Shelf life: charge every 4 – 6 months
 Non-toxic, zero maintenance, and zero explosion risk from impact, overcharging, or short circuit.

PORTS:

Two 12V rear ports (20 amp) switched
 Two 24V rear ports (10 amp) switched
 One charging port (20A) for Solar, AC, and DC
 Two front panel USB power ports, 3A each.

CHARGE TIMES:

Wall charger (75W): 3.5 hours.
 Car Adapter (100W): 3 hours.
 50 watt Solar Panel: 6 hours
 200 watt Solar Panel: 2 hours

GENERAL:

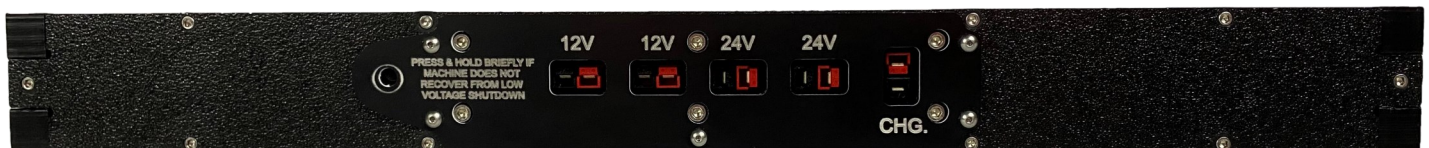
Product SKU: 4k-1RU-RPC
 Weight: 13 lbs.
 Dimensions: 19" x 10.5" x 1.7"
 Operating temp. range: -20C to 60C (-4F to 140F)
 Warranty: 1 year standard, upgrades available

SYSTEM SAFEGAURDS:

Internal protection from short circuit
 Internal under-volt protection. Charge to re-activate
 Solar ready three stage internal charger, accepts 12 – 36 VDC
 30 amp re-settable circuit breaker on front panel
 Ignition protected
 Dual cooling fans ensure operation in hot climates

POWER ANALYZER:

Efficient LCD Display
 Shows real-time battery voltage
 Shows min and max amp draws
 Accumulates total Ah and Wh used since power-on.
 Very useful for determining changing electrical loads and estimating total battery life under actual conditions.



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Ruggedized Power Center 1RU-RPC



Rugged Power Center (RPC) 1RU provide 12 and 24 vdc power for:

- Computers
- Cellular Routers (5G/4G/LTE/CBRS/ FirstNet™)
- Encryption Devices (Type-1)
- Radios
 - Amateur Radios
 - Business Radios
 - Military Radios
 - Ad Hoc MESH Radios
- Routers
- Switches
- Wireless Access Points

RPC 1RU's are fielded supporting:

- Amateur Radio "Go Kits"
- Conferences
- Emergency Management
- First Responders
- Internet Service Restoral
- Military Operations
- Telemedicine

