

# UKT0039

## Technical Datasheet



### Features

- Wide input voltage
- Charger is rugged with sealed aluminum cases and push/pull type connectors
- Status LED display: charge, idle power
- Kit contains charger, solar panel, stakes, operator's card, storage bag and required cables
- Three camouflage options
- 1000D Cordura zippered carrying bag
- Flexible design allows for one or two solar panels

### Benefits

- Man-portable system designed to be stowed in pack
- Charge radio batteries in remote locations with solar power

### Applications

- Solar soldier-based charger for PRC-148 and PRC-152 radio batteries

### Optional Accessories

- Y cable for additional solar input:  
P/N - PCP265-00-01
- Solar panel: P/N - 1002467

#### Technical Specifications - Kit

|                       |  |
|-----------------------|--|
| <b>Part No.</b>       | UKT0039-XX (see note)                                    |
| <b>Weight</b>         | Approx. 2.26kg (5.0lb)                                   |
| <b>Export License</b> | ECCN 3A611.x export license required to export from U.S. |

#### Technical Specifications - Charger

|                              |   |
|------------------------------|---|
| <b>DC Input</b>              | 10-24V  |
| <b>DC Output</b>             | 12.6V   |
| <b>Solar Input</b>           | 1 x 34W panel                                   |
| <b>Connectors</b>            | Input: MS3114A8-2P                              |
| <b>Charge Rate</b>           | 1.2A max.                                       |
| <b>Battery Types</b>         | PRC148 and PRC152 radio batteries               |
| <b>Color</b>                 | Green   |
| <b>Finish</b>                | Powder Coat                                     |
| <b>Size</b>                  | 9.8cm (3.87in) x 6.7cm (2.64in) x 3.8cm (1.5in) |
| <b>Weight</b>                | 293g (0.64lb)                                   |
| <b>Operating Temperature</b> | -32°C to 55°C                                   |
| <b>Storage Temperature</b>   | -32°C to 71°C                                   |

#### Technical Specifications - Solar Collector

|                          |   |
|--------------------------|---|
| <b>Rated Power</b>       | 34W   |
| <b>Operating Voltage</b> | 22V   |
| <b>Operating Current</b> | 1.6A  |
| <b>Weight</b>            | 2.5lb   |
| <b>Size</b>              | Folded: 27.43cm (10.8in) x 16.25cm (6.4in) x 5.33cm (2.1in)<br>Unfolded: 136.39cm (53.7in) x 81.53cm (32.1in) |

#### Included Accessories

|                    |  |
|--------------------|--|
| <b>Description</b> | 6 ft. Charge Cable<br>(4) Stakes<br>Storage Bag: 44.4cm (17.5in) x 19.36cm (7.625in) x 11.43cm (4.5in) |
|--------------------|--|

|             |  |
|-------------|--|
| <b>Note</b> | Suffix-01: Traditional Camo<br>Suffix-02: Desert Camo<br>Suffix-03: Digital Camo |
|-------------|--|