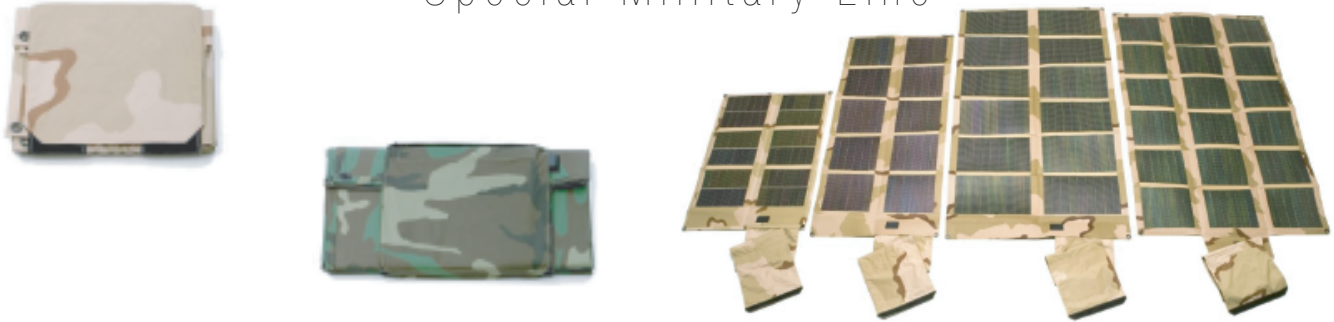


Foldable Units Special Military Line



CSE's Foldable Solar Chargers provide a simple & effective solution for powering mobile electronics in the field. Designed with flexible thin-film solar cells & a durable nylon backing, they are the ideal choice for applications that require a lightweight, portable, silent & dependable power source!

| Electrical Characteristics | | | | |
|-----------------------------------|----------------|----------------|----------------|----------------|
| Product Number | CSE-15F | CSE-30F | CSE-48F | CSE-55F |
| Nominal Voltage Rating | 12V | 12V | 12V | 12V |
| Nominal Rated Power (W) at STC | 15 | 30 | 48 | 55 |
| Nominal Power at MPP (VDC) at STC | 18.8 | 18.8 | 18.8 / 37.8 | 20 |
| Nominal Current (Amps) | 0.78 | 1.5 | 2.5 / 1.2 | 2.8 |
| Open Circuit Voltage | 36 | 28 | 28 / 55 | 30 |
| Short Circuit Current | 1 | 2.2 | 3.9 / 1.8 | 3.7 |
| Thermal Characteristics | | | | |
| Power (%/C) | -0.5 | -0.5 | -0.5 | -0.5 |
| Voltage (%/C) | -0.5 | -0.5 | -0.5 | -0.5 |
| Cell Temperature Operating Range | -40°F to 176°F | -40°F to 176°F | -40°F to 176°F | -40°F to 176°F |
| Dimension and Weight | | | | |
| Folded | | | | |
| Length, in (mm) | 10.5 (267) | 10.5 (257) | 14.5 (368) | 11 (276) |
| Width, in (mm) | 8.5 (216) | 8.5 (216) | 8.5 (216) | 9 (229) |
| Thickness, in (mm) | .75 (19) | 1.2 (30.5) | 1.4 (36) | 1.3 (33) |
| Deployed | | | | |
| Length, in (mm) | 25 (711) | 44 (1118) | 52 (1321) | 55 (1397) |
| Width, in (mm) | 21 (533) | 21 (533) | 29 (737) | 32 (813) |
| Thickness, in (mm) | 0.1 (2.54) | 0.1 (2.5) | 0.1 (2.5) | 0.1 (2.5) |
| Weight | | | | |
| Weight, lb (kg) | 1.6 (0.7) | 2.4 (1.1) | 3.9 (1.77) | 4.4 (2) |
| Power to weight ratio w/lb (w/kg) | 10.6 (23.3) | 12.5 (27.3) | 12.3 (27.1) | 12.5 (27.1) |