

Stop Fighting the Sun

SuRG42-CP Low Power Module:

The GUI / HMI designed for the harshest, brightest outdoor environments

Don't compete with the sun — USE IT

Reflective vs. Backlit: The Death of Wash-out

- Traditional TFTs depend on backlights and lose readability in direct sunlight

- SuRG uses Reflective Technology and Ambient Contrast Ratio (ACR)

- The Result: Readability and contrast **IMPROVE** as the sun gets brighter

240x Less
Power,
No Typo



- Standard Backlit TFT:
1200 mW



- SuRG Static Image:
5 mW



- Even with constant display updates,
SuRG uses a fraction of standard GUI
modules



- Redefining display readability and
battery life

Built for the Field, Not the Desk

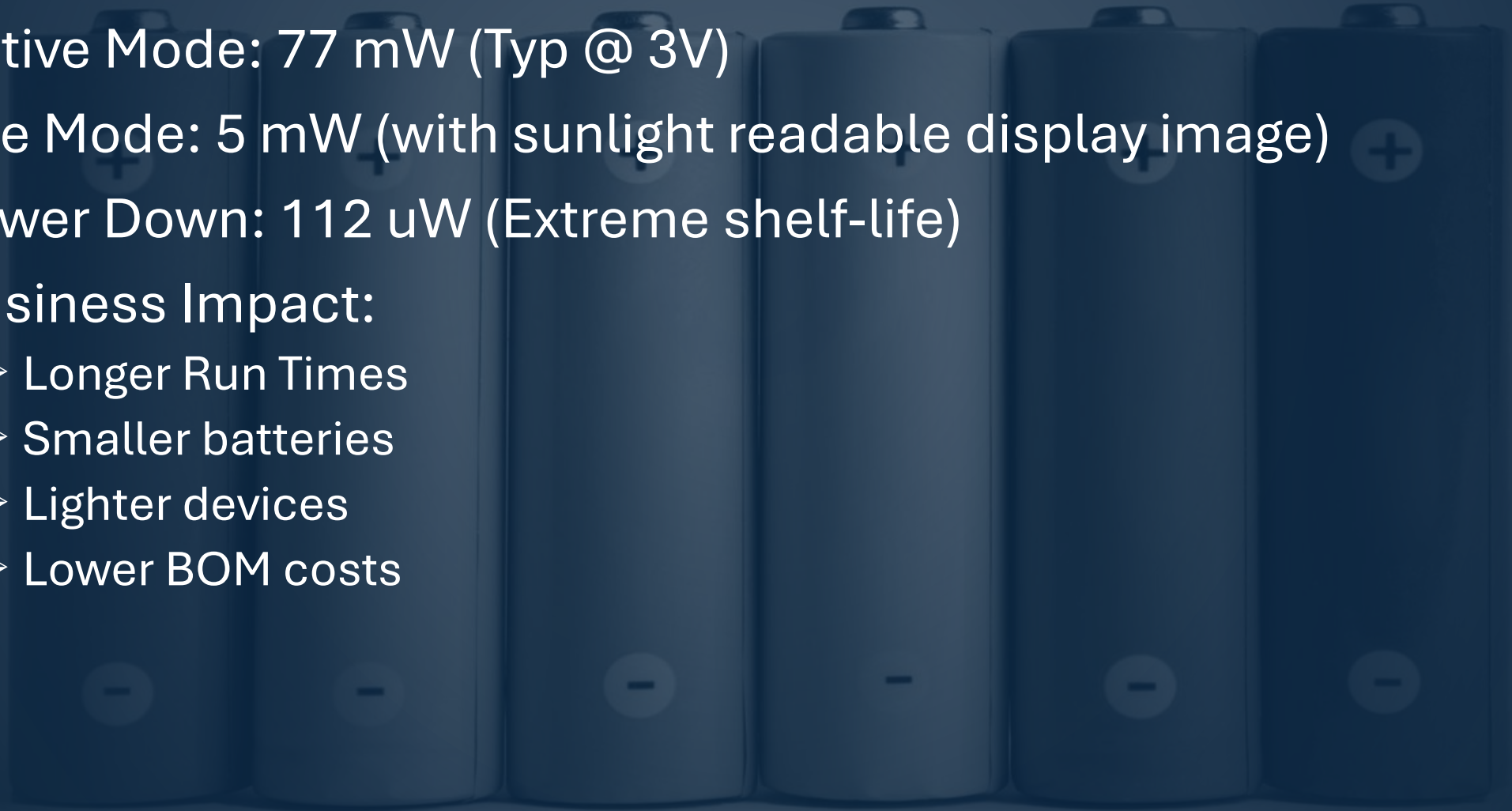
- Extreme Temp Range:
-20°C to +70°C operating

- RBW Advantage:
Red/Black/White palette for
high-impact contrast and
visualization

- Night Mode:
Use 65mW LED front-light for
total darkness conditions

Efficiency at Every Level

- Active Mode: 77 mW (Typ @ 3V)
- Idle Mode: 5 mW (with sunlight readable display image)
- Power Down: 112 μ W (Extreme shelf-life)
- Business Impact:
 - Longer Run Times
 - Smaller batteries
 - Lighter devices
 - Lower BOM costs



Take SuRG Outside

- Data sheets tell one story; the sun tells another
- Schedule a SuRG42-CP field demo today
- SuRG: Thrives where others wash out

