



BTU RESEARCH™

ARC-TECH PRO

SURGE PROTECTION AND POWER CONDITIONER



The **ARC-TECH PRO** is designed to condition and improve power quality while protecting valuable electronics and appliances from transients and surge disturbances on the AC power line.



PRODUCT FEATURES

- Advanced Reactive Capacitance Technology (ARC-TECH)
- AC Power Productivity Improvement
- AC Circuit Protection for Entire Residences and Offices
- Status Indication (Operating/Protection)
- Indoor/Outdoor Design
- Universally Connects to any Breaker Panel
- Quick and Simple Installation

COMBINED SURGE PROTECTION & POWER CONDITIONER

| US & NORTH AMERICA | Model Number | Enclosure Sizes | KVAR | Surge Protection | UL Operating Voltage | Two Pole Breaker Size | Amps | Frequency | Wire Size (AWG) |
|--------------------|--------------|------------------|------|------------------|----------------------|-----------------------|------|-----------|-----------------|
| ARC Tech Pro - 250 | ATC-250-SF | 9.5 x 7.6 x 3.25 | 1.52 | BTU72RS-120 | 120/240 | 20/30 Amp | 6.33 | 50/60 hz | 12 |

TECHNICAL SPECIFICATIONS AND STANDARDS

| | |
|---|----------------------------|
| Advanced Reactive Capacitance Technology (ARC-TECH) for AC Power Productivity Improvement | |
| 120/240Vac Single/Split Phase | |
| 140kA (Maximum Surge Handling) | |
| Voltage Protection Rating (VPR) | 700V |
| Nominal Discharge Current (In) 8/20 μs | 20kA |
| Maximum Discharge Current (Imax) 8/20 μs | 150kA |
| Short-circuit Current Rating (SCCR) | 100kA |
| Protection Modes | L-N, L-G, L-L, N-G |
| Disconnection Indicator | LED's |
| Type of Enclosure | NEMA 4X Enclosure |
| SPD Type | UL 1449 4th Edition Type 2 |
| Agency Approvals | UL, cUL, CE |
| Dimensions | 8.8" x 11.9" x 3.3" |