



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	70kA
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"