



BTU RESEARCH™

# ARC-TECH PRO

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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)	
<b>Voltage Protection Rating (VPR)</b>	700V
<b>Nominal Discharge Current (In) 8/20 μs</b>	20kA
<b>Maximum Discharge Current (Imax) 8/20 μs</b>	70kA
<b>Short-circuit Current Rating (SCCR)</b>	100kA
<b>Protection Modes</b>	L-N, L-G, L-L, N-G
<b>Disconnection Indicator</b>	LED's
<b>Type of Enclosure</b>	NEMA 4X Enclosure
<b>SPD Type</b>	UL 1449 4th Edition Type 2
<b>Agency Approvals</b>	UL, cUL, CE
<b>Dimensions</b>	8.8" x 11.9" x 3.3"