

BENJAMIN ArcLight Panel™

Specifications

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|------------------------|-----------|---------------|----------------|----------------|
| Voltage Ratings | 120V 1Ø2W | 120/240V 1Ø3W | 208Y/120V 3Ø4W | 480Y/277V 3Ø4W |
|------------------------|-----------|---------------|----------------|----------------|

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| AIC Ratings | 65kAIC@240V Fully Rated to 100kAIC Series Rated |
| | 14kAIC@480Y/277V Fully Rated to 65kAIC Series Rated |

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|--------------------------|---|
| Power Measurement | Mains Current Accuracy: 2% of reading from 1-10% 1% of reading from 10-100% |
| | Mains Voltage Accuracy: 1% of reading from 90 - 480V Line to Neutral |
| | Mains Power Data: Voltage, Current, PF, Hz, VAHrs, VARHrs, and WHrs |
| | Branch Current Accuracy: 1% of reading from 2.0-100A 2% of reading from 0.25-2A |
| | Branch Power Data: Watts, PF, VAHrs, and VARHrs |
| | Data Update Rate: Less than 1 second for all branch circuits (all measured values) |

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| Mains Configuration | 100 Amp Main Lugs Only | 225 Amp Main Lugs Only | 400 Amp Main Lugs Only | 600 Amp Main Lugs Only |
| | 100 Amp Main Breaker | 225 Amp Main Breaker | 400 Amp Main Breaker | 600 Amp Main Breaker |

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| Circuit Breaker Options (6 to 48 branch circuits) | 1 Pole | 15 Amp Controlled | 20 Amp Controlled | 30 Amp Controlled | 15 Amp |
| | | 20 Amp | 30 Amp | 40 Amp | 50 Amp |
| | | 60 Amp | 70 Amp | 90 Amp | 100 Amp |
| | 2 Pole | 15 Amp Controlled | 20 Amp Controlled | 30 Amp Controlled | 15 Amp |
| | | 20 Amp | 30 Amp | 40 Amp | 50 Amp |
| | | 60 Amp | 70 Amp | 90 Amp | 100 Amp |
| | 3 Pole | 15 Amp | 20 Amp | 30 Amp | 40 Amp |
| | | 50 Amp | 60 Amp | 70 Amp | 90 Amp |
| | | 100 Amp | | | |

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|--------------------------------|------------|--------------|------------|---------------|
| Communication Protocols | Modbus/TCP | Modbus/ASCII | Modbus/RTU | DNP 3.0 |
| | Webserver | EtherNet/IP | DMX-512 | Allen Bradley |
| | BACnet | LonWorks | Zigbee | GE-SRTP/EGD |



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