Date : 15 Jul 22
Version : V4

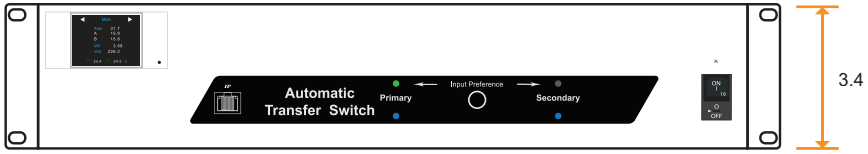
110V 15A / 20A Intelligent ATS specification drawing

Automatic Transfer Switch : NEMA x 20

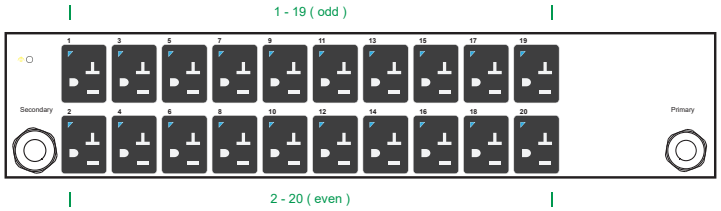
InfraPower®

unit : inch

Front view :



Rear view :



20A model :	Fuse	MCB
ATS-H20US-20A-WSi_520	-	1

20 Amp
NEMA 5-20P

Input Rating : 20A (16A derated), 110V
Inlet : 20A NEMA 5-20P plug x 2
Cordset : 9.8ft UL SJT 12AWG cordset x 2
Protection : 20A hydraulic MCB x 1
Circuit Details : Output 16A derated, U S #1 - 2 0

20A model :	Fuse	MCB
ATS-H20US-20A-WSi_L520	-	1

20 Amp
NEMA L5-20P

Input Rating : 20A (16A derated), 110V
Inlet : 20A NEMA L5-20P plug x 2
Cordset : 9.8ft UL SJT 12AWG cordset x 2
Protection : 20A hydraulic MCB x 1
Circuit Details : Output 16A derated, U S #1 - 2 0

15A model :	MCB	MCB
ATS-H20US-15A-WSi_515	-	1

15 Amp
NEMA 5-15P

Input Rating : 15A (12A derated), 110V
Inlet : 15A NEMA 5-15P plug x 2
Cordset : 9.8ft UL SJT 14AWG cordset x 2
Protection : 16A hydraulic MCB x 1
Circuit Details : Output 12A derated, U S #1 - 2 0

Automatic transfer switch
Outlet : 20A Rated US NEMA 5-20R x 20

ATS Specification :

Nominal input voltage	: 110V
Acceptable input voltage	: ±10% nominal
Input frequency	: 50 / 60Hz
Transfer time	: 10 ms typical
Electrical endurance	: 1 x 10^5 operations
Power consumption	: Approx. 20W

Meter Features (WSi - Switched + Outlet Measurement)

Local Display	: 2.0" color LCD with touchscreen
Bank Measurement	: Voltage (V), Current (A), energy (kWh) & power factor
Outlet Measurement	: Current (A), Energy (kWh)
Outlet Control	: Outlet Switch ON / OFF
Accuracy	: ±1% Billing-grade
IP Access	: via built-in IP dongle for network access
SNMP	: V2 / V3 version, via built-in IP dongle

Operating	Temperature	: -5 to 60 °C
Storage	Temperature	: -25 to 65 °C
Operating	Altitude	: 0 to 2,000 m
Storage	Altitude	: 0 to 15,000 m
Humidity		: 8 to 95% RH, non-condensing

EMC	Compliance	: FCC Part 15 Subpart Class A
Safety	Compliance	: Tested to UL 62368-1:2014 standard
		Tested to UL 60730-1:2016 standard
Environment Compliance		: RoHS3 & REACH
Chassis Material		: Steel
Chassis Color		: Black
Product Dimension		: 17.4 (W) x 17.7 (D) x 3.4 (H) inch
Net Weight		: 20.9 lbs
Packing Dimension		: 21.7 (W) x 21.7 (D) x 5.9 (H) inch
PDU Gross Weight		: 22.0 lbs

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