

SPECIFICATIONS:

SINGLE PHASE ON-LINE DOUBLE CONVERSION UNINTERRUPTIBLE POWER SUPPLY 2000VA/1800W

INPUT

RATED VOLTAGE: 220-240 VAC

FREQUENCY RANGE: 40–70 Hz

POWER FACTOR: \geq 0.99 AT NORMAL VOLTAGE

OUTPUT

NOMINAL VOLTAGE: 200*/208*/220/230/240 VAC $\pm 1\%$

FREQUENCY SYNC RANGE: 47-53 Hz or 57-63 Hz

FREQUENCY RANGE (BAT. MODE): 50Hz \pm 0.5Hz or 60Hz \pm 0.5Hz

CURRENT CREST RATIO: 5:1 (MAX.)

HARMONIC DISTORTION: $\leq 2\%$ THD (LINEAR LOAD), 6% MAX. (BATTERY MODE BEFORE SHUT DOWN)

EFFICIENCY: LINE MODE: 88%

BATTERY MODE: 86%

ECO MODE: 95%

*DERATE CAPACITY TO 80% WHEN THE OUTPUT VOLTAGE IS ADJUSTED TO 200/208VAC.

BATTERY

BATTERY TYPE: 12V 9AH

NUMBER OF BATTERIES: 4

TYPICAL RECHARGE TIME: 4 HOURS RECOVER TO 90% CAPACITY

CHARGING CURRENT (MAX.): 1A AT 54.7 VDC $\pm 1\%$, 1A/2A/4A OR 8A FOR EXTERNAL BATTERIES

WEIGHT: 45 LBS (21 KG)

ENVIRONMENTAL

OPERATING TEMPERATURE: 0°C–40°C (32°F–104°F)(THE BATTERY LIFE WILL DECREASE WHEN > 25°C (77°F))

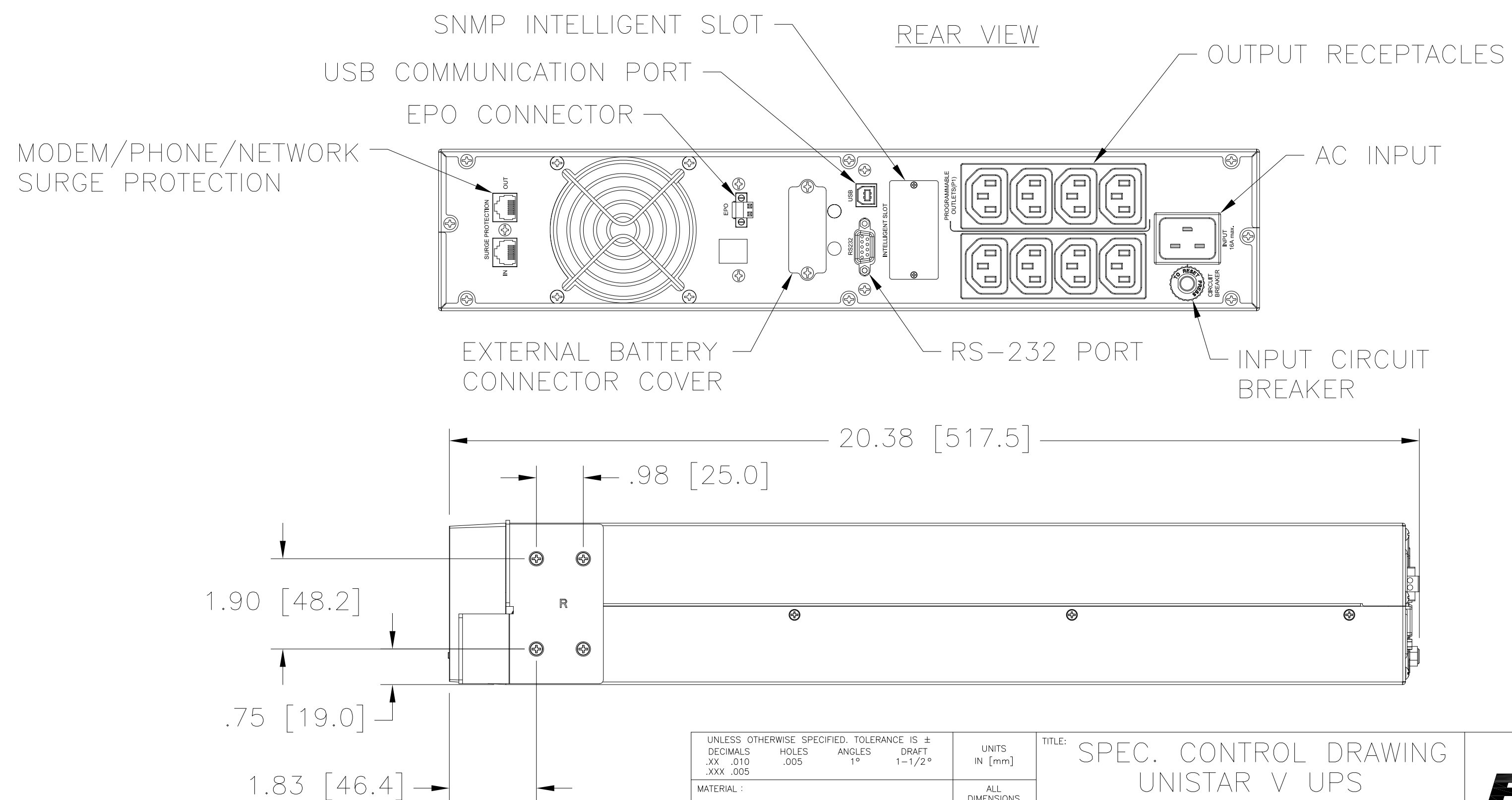
ALTITUDE: <1000m (3281 FT), 2000m (6562 FT) MAX.


IF THE UPS IS INSTALLED OR USED IN A PLACE WHERE THE ALTITUDE IS ABOVE THAN 1000M, THE OUTPUT POWER MUST BE DERATED ONE PERCENT PER 100M.

HUMIDITY: 20-90% RH AT 0°C - 40°C NON-CONDENSING

NOISE: <50 dBA (AT 1 METER)

UL LISTED TO UL1778



UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS HOLES ANGLES DRAFT UNITS .XX .010 .005 1° 1-1/2° IN [mm]		TITLE: SPEC. CONTROL DRAWING UNISTAR 5 UPS SCV-20002				 A Components Company of America Company 301 Gadsden Boulevard Dayton, OH 45403 USA	
MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY S.A. SMITH		DATE 6/26/15	FIRST USED ON		
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		ENGINEER SAS	DATE 6/26/15	SCALE 1/2	SHEET 1 OF 1	D	096-4341