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SPC-FOD5.DWG

REVISIONS			DOC. NO. SPC-FD05 + Effective: 7/8/02 + DCP No. 1398						
DCP #	REV	DESCRIPTION	DRAWN		CHECKD DATE		APPRVD	DATE	
1754	Α	Released	JWM	9/19/05	NL	2/18/08	JN	2/18/08	

Features

- True RMS Meter
- Wide Range Variable Output Voltage/Frequency
- 4 Sets of "Save/Recall" Voltage/Frequency Memory
- Stable and Low Distortion Output Waveforms
- Software Calibration to Ensure Accuracy
- Panel Lock Function to Prevent Accidental Wrong Operation
- Over Current Protection and Over Temperature Protection
- Frequency, Volts, Amps, Watts, and Power Factor Display

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ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED
HEREIN ARE BASED LIPON INFORMATION AND/OR TESTS WE
BELIEVE TO BE ACCURATE AND RELIABLE. SINCE
CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE
USER SHALL DETERMINE THE SUITABLITY OF THE PRODUCT
FOR THE INTENDED USE AND ASSUME ALL RISK AND
LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:

UNLESS OTHERWISE
SPECIFIED,
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DRAWN BY: DATE: DRAWING TITLE: Jeff McVicker 9/19/05 DATE: CHECKED BY: DWG. NO. SIZE 2/18/08 Jason Nash 72-7675 Α APPROVED BY: DATE: SCALE: NTS U.O.M.: Millimeters 2/18/08 Jason Nash

AC Power Source

SHEET: 1 OF 2

Frequency Counter Measuring Range: .0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg +1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg +5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.01 mA Accuracy: ±1% Rdg +2 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Accuracy: ±2 %rdg + 2 Digits Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW								
(45.0-500Hz) Accuracy: ±0.1 Hz Output Voltage Digital setting via keys, Resolution: 0.1 Vrms (ACO.0 ~ 300.0V) Accuracy: ±0.1%rdg+1digit Dutput Capacity High voltage range: 0.0 ~ 150 VAC High voltage range: 0.0 ~ 300 VAC Output Power 500 VA Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation ±0.1% Load Regulation ±0.1% Load Regulation ±0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion Digital Display: Frequency Counter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.00~2.000 A Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit Measuring Range: 1.80~35.00 A Resolution: 0.1 Vm Accuracy: ±1% Rdg + 2 Digits Measuring Range: 32.0~350.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~350.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Measuring Range: 320.0~350.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 1 W Measuring Range: 320.0~350.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 1 W Measuring Range: 320.0~350.0 W Resolution: 0.001 Accuracy: ±1.5% Rdg + 1 W Measuring Range: 320.0~3500.0 W Resolution: 0.001 Accuracy: ±1.5% Rdg + 1 W Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW		Description						
Output Voltage Digital setting via keys, Resolution: 0.1 Vrms (AC0.0 ~ 300.0V) Accuracy: ±0.1%rdg+1digit Output Capacity Low voltage range: 0.0 ~ 150 VAC High voltage range: 0.0 ~ 300 VAC Output Power 500 VA Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation ±0.1% Load Regulation ±(0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: 0.0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.00~380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit Measuring Range: 1.80~35.00 A Resolution: 0.1 mA Accuracy: ±1% Rdg + 5 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Power Factor Meter Measuring Range: 32.0~350.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 1 W Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration <t< td=""><td>Output Frequency</td><td colspan="6">Digital setting via keys, Resolution: 0.1 Hz</td></t<>	Output Frequency	Digital setting via keys, Resolution: 0.1 Hz						
(AC0.0 ~ 300.0V) Accuracy: ±0.1%rdg+1digit Low voltage range: 0.0 ~ 150 VAC High voltage range: 0.0 ~ 300 VAC Output Power 500 VA Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation Load Regulation ±(0.5%+0.1V) Protection Frequency Stability Wave Distortion Digital Display: Frequency Counter RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±0.1 Hz Measuring Range: 0.000~2.000 A Resolution: 0.1 Vrms Accuracy: ±1 %Rdg +1 Digit Measuring Range: 0.000~2.000 A Resolution: 0.1 W Accuracy: ±1% Rdg +2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +0.5 W Measuring Range: 0.000 ~ 1.000 Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 0.0~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 0.000 ~ 1.000 Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.1 W Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.001 Accuracy: ±1.5% Rdg +1 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.001 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 3.20.~3500.0 W Resolution: 0.001 Accuracy: ±2 %rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits Measuring Range: 0.000 ~ 1.000 Accuracy: ±1.5% Rdg +2 Digits	(45.0~500Hz)	Accuracy: ±0.1 Hz						
Low voltage range: 0.0 ~ 150 VAC High voltage range: 0.0 ~ 300 VAC	Output Voltage	Digital setting via keys, Resolution: 0.1 Vrms						
High voltage range: 0.0 ~ 300 VAC Output Power 500 VA Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation ±0.1% Load Regulation ½(0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: 0.0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0~380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg +1 Digit RMS Ammeter Measuring Range: 1.80~35.00 A Resolution: 0.1 mA Accuracy: ±1% Rdg +2 Digits Measuring Range: 1.80~35.00 A Resolution: 0.1 W Accuracy: ±1.5% Rdg +0.5 W Measuring Range: 0.0~360 W Resolution: 1.0 W Accuracy: ±1.5% Rdg +0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg +1 Digits Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±1.5% Rdg +1 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	(AC0.0 ~ 300.0V)	Accuracy: ±0.1%rdg+1digit						
High voltage range: 0.0 ~ 300 VAC Output Power 500 VA Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation ±0.1% Load Regulation ±(0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: 0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 0.1 mA Accuracy: ±1% Rdg +5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.1 mA Accuracy: ±1 %Rdg +2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 3.00~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	Output Capacity	Low voltage range: 0.0 ~ 150 VAC						
Maximum Current 4.2 A (0~150 V), 2.1 A (0~300 V) Line Voltage Regulation ±0.1% Load Regulation ±(0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: 0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1 %Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.1 mA Accuracy: ±1 %Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration	Output Capacity	High voltage range: 0.0 ~ 300 VAC						
Line Voltage Regulation Load Regulation Effection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion Digital Display: Frequency Counter RMS Voltmeter RMS Voltmeter RMS Ammeter Measuring Range: .0~999 Hz Resolution: 0.1 Hz RMS Ammeter Measuring Range: 0.00~2.000 A Resolution: 1.0 mA Accuracy: ±0.1 Hz Resolution: 1.0 mA Accuracy: ±1 %Rdg + 1 Digit Measuring Range: 0.00~2.000 A Resolution 0.01 mA Accuracy: ±1 %Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.0 mA Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 0.000~1.000 Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	Output Power	500 VA						
Load Regulation ±(0.5%+0.1V) Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: .0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit Measuring Range: 0.00~2.000 A Resolution: 1.0 mA Accuracy: ±1 Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.1 mA Accuracy: ±1 Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 mA Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	Maximum Current	4.2 A (0~150 V), 2.1 A (0~300 V)						
Protection Key Lock, OCP, Short Circuit Protect, OTP Frequency Stability 100PPM Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: .0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0~380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.01 mA Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 0.0~360 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Line Voltage Regulation	±0.1%						
Frequency Stability Wave Distortion Digital Display: Frequency Counter RMS Voltmeter RMS Ammeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Ammeter Measuring Range: 0.000 A Resolution: 0.1 Vms Accuracy: ±1 %Rdg + 1 Digit Resolution: 0.1 Vms Accuracy: ±1 %Rdg + 5 Digits Measuring Range: 1.80 ~ 35.00 A Resolution: 0.1 Vm Accuracy: ±1% Rdg + 5 Digits Measuring Range: 1.80 ~ 35.00 A Resolution: 0.1 Vm Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0 ~ 360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 3.20 ~ 3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±1.5% Rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	Load Regulation	±(0.5%+0.1V)						
Wave Distortion 0.5%THD.(Resistance Load) Digital Display: Frequency Counter Measuring Range: .0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.1 W Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 0.0~360 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Maximum: 2.1 KW	Protection	Key Lock, OCP, Short Circuit Protect, OTP						
Digital Display: Frequency Counter Measuring Range: 0.0 - 999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 - 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.000-2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg + 5 Digits Measuring Range: 1.80-35.00 A Resolution: 0.1 mA Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0-360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0-3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Frequency Stability	100PPM						
Frequency Counter Measuring Range: .0~999 Hz Resolution: 0.1 Hz Accuracy: ±0.1 Hz RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg +1 Digit RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg +5 Digits Measuring Range: 1.80~35.00 A Resolution: 0.01 mA Accuracy: ±1% Rdg +2 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Accuracy: ±2 %rdg + 2 Digits Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Wave Distortion	0.5%THD.(Resistance Load)						
RMS Voltmeter Measuring Range: 0.0 ~ 380 VAC Resolution: 0.1 Vrms Accuracy: ±1 %Rdg + 1 Digit RMS Ammeter Measuring Range: 0.00~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg + 5 Digits Measuring Range: 1.80~35.00 A Resolution 0.01 mA Accuracy: ±1% Rdg + 2 Digits Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1 W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Digital Display:							
RMS Ammeter Measuring Range: 0.000~2.000 A Resolution: 1.0 mA Accuracy: ±1% Rdg +5 Digits Wattage Meter Measuring Range: 1.80~35.00 A Resolution 0.01 mA Accuracy: ±1% Rdg +2 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Frequency Counter	Measuring Range: .0~999 Hz R	Resolution: 0.1 Hz	Accuracy: ±0.1 Hz				
RMS Ammeter Measuring Range: 1.80~35.00 A Resolution 0.01 mA Accuracy: ±1% Rdg +2 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	RMS Voltmeter	Measuring Range: 0.0 ~ 380 VAC Res	solution: 0.1 Vrms	Accuracy: ±1 %Rdg + 1 Digit				
Measuring Range: 1.80~35.00 A Resolution 0.01 mA Accuracy: ±1% Rdg +2 Digits Wattage Meter Measuring Range: 0.0~360 W Resolution: 0.1 W Accuracy: ±1.5% Rdg + 0.5 W Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	PMS Ammeter	Measuring Range: 0.000~2.000 A	Resolution: 1.0 mA	Accuracy: ±1% Rdg +5 Digits				
Wattage Meter Measuring Range: 320.0~3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	KWS Allinetei	Measuring Range: 1.80~35.00 A	Resolution 0.01 mA	Accuracy: ±1% Rdg +2 Digits				
Measuring Range: 320.0-3500.0 W Resolution: 1.0 W Accuracy: ±1.5% Rdg + 1W Power Factor Meter Measuring Range: 0.000 ~ 1.000 Resolution: 0.001 Accuracy: ±2 %rdg + 2 Digits Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Wattaga Matar	Measuring Range: 0.0~360 W	Resolution: 0.1 W	Accuracy: ±1.5% Rdg + 0.5 W				
Power Source 115/230 VAC±15%, 47-63 Hz, Single phase Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	wattage weter	Measuring Range: 320.0~3500.0 W	Resolution: 1.0 W	Accuracy: ±1.5% Rdg + 1W				
Calibration Front Panel Software Calibration AC Power consumption Maximum: 2.1 KW	Power Factor Meter	Measuring Range: 0.000 ~ 1.000 F	Resolution: 0.001	Accuracy: ±2 %rdg + 2 Digits				
AC Power consumption Maximum: 2.1 KW	Power Source	115/230 VAC±15%, 47-63 Hz, Single phase						
	Calibration	Front Panel Software Calibration						
Rated Temperature: +10 °C ~+35 °C	AC Power consumption	Maximum: 2.1 KW						
1		Rated Temperature: +10 °C ~+35 °C						
Operation Environment Operating Temperature: +0 °C ~+40 °C	Operation Environment	Operating Temperature: +0 °C ~+40 °C						
(Indoor Use Only) Storing Temperature: -10 °C ~+70 °C	(Indoor Use Only)	Storing Temperature: -10 °C ~+70 °C						
Relative Humidity: <80%		Relative Humidity: <80%						
Dimensions 137 mm(H) x 430 mm(W) x 500 mm(D)	Dimensions							
Weight Approximate 25 kg	Weight	Approximate 25 kg						

Warning To avoid electrical shock the power cord protective Grounding conductor must be connected to ground.

ALL DICHTS DESERVED NO DOUTION OF THIS BURLEY	JCATION, WHETHER IN WHOLE OR N PART CAN BE REPRODUCED WITHOUT THE	SIZE	DWG. NO.	ELECTRONIC FILE			REV
EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.		Α	72-	-7675	96	6 H 123 4. dwg	A
SPC-FX05.DWG	DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1388	SCALE	E: NTS	U.Q.M.: Millimeters		SHEET: 2 0	F 2