

1.Product sketch



- 1、 Screen: LED screen;
- 2、 RUN: Run indicator;
- 3、 BUTTON: Function set key (Toggle display content)
- 4、 RESET: Restart button;

2. Initialization

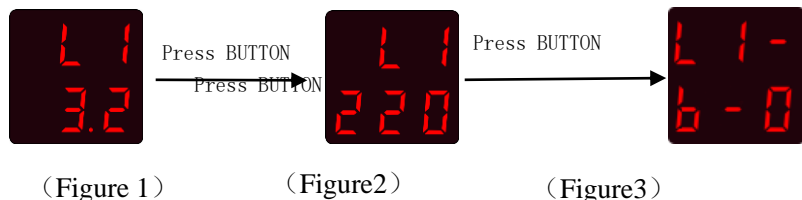
When power on, the RUN indicator will flash and the PDU works normally after initializing the LED indicator and TFT screen. Following is the LED displaying content introductions from the alternating current power , single phase and three phase power:

2.1 The alternating current and single phase function modular:

1st screen: the Volts (220V) (Figure 1)

2nd screen: The Amps(0.0A) (Figure 2)

3rd screen: Alarm beeper on/off (Figure 3)



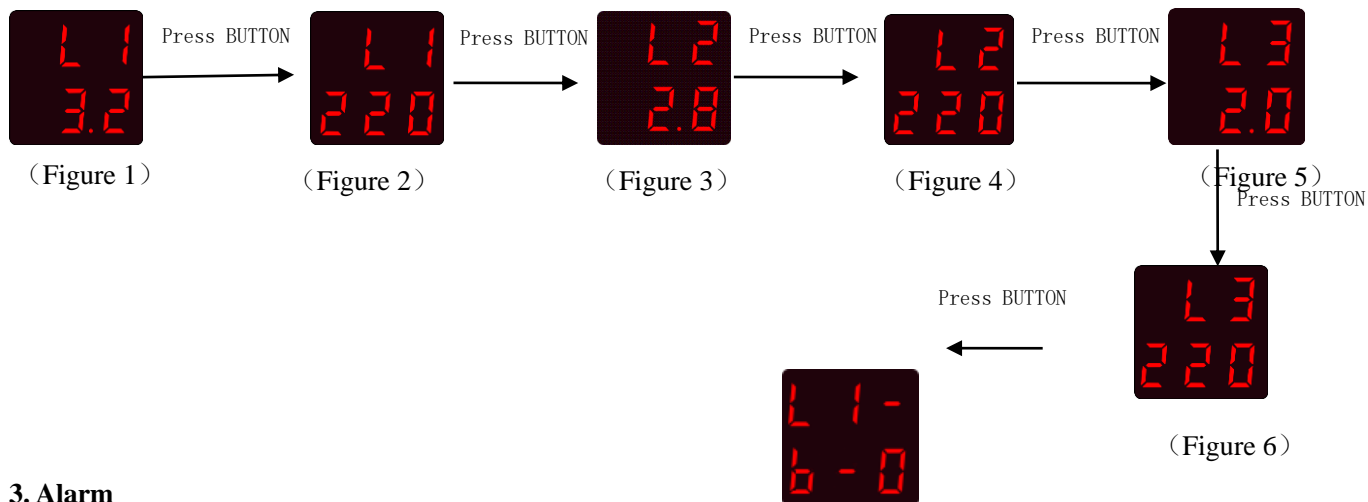
2.2 The three phase function modular:

1st & 2nd screen: The L1 Amps(0.0A), Volts(220VAC) (Figure 1 & Figure 2)

3rd & 4th screen: The L2 Amps(0.0A), Volts(220VAC) (Figure 3 & Figure 4)

5th & 6th screen: The L3 Amps(0.0A), Volts(220VAC) (Figure 5 & Figure 6)

7th screen: Alarm beeper on/off (Figure 7)



**3. Alarm**

Overload alarm, beeper alarm(1 second)

**4. RUN indicator (RUN)**

Running normal, LED blink 1 time 1s.

**5. BUTTON**

Short press (BUTTON key) switch to view current, voltage

Long press (BUTTON key) 3s, switch to beeper alarm on/off function.

**6. Beeper alarm**

Long press (BUTTON key) 3s, (b-o means on beeper alarm function, b-c means off beeper alarm function)

**7. Technical Specification**

Main function		Technical performance
Local meter		Total load current
		Total input voltage
Alarm function	System alarm	Load current beyond threshold value
		Voltage beyond rating
	Alarm method	Beeper;
Reset	Reset	RESET button;

**8. Input/Output**

Main function	Item		Parameters
Input	Single phase	Rating voltage	100-240V 50~60HZ
		The max current	16A、 32A
	Three phase	Rating voltage	200-400V 50~60HZ
		The max current	3×16A、 3 ×32A
	Overload protector		Circuit breaker (optional)

	Accuracy of current		Accuracy: $\pm (1\%+2 \text{ byte})$ : Resolution:0.1A; Display method: LED; Display direction: Vertical
	Accuracy of voltage		Accuracy: $\pm(1\%+3\text{byte})$ Resolution: 1V Display method: LED; Display direction: Vertical
	Display	RUN	Run indicator
LED		Display voltage and current	
Output	Single phase	Rating voltage	100-240V AC 50~60HZ
		The max current	16A、32A
	Three phase	Rating voltage	100-240V AC 50~60HZ
		The max current	3×16A、3×32A
Physical Spec	Built-in module		180×44.4×54mm (L×W×H) BASIC METER-PDU2017 module
	Material		ABS+PC;
	Color		Black
	Installation		Vertical
Environment	Temperature		0°C~45°C
	Relative humidity		30~90%
	Storage		-20°C ~ +70°C