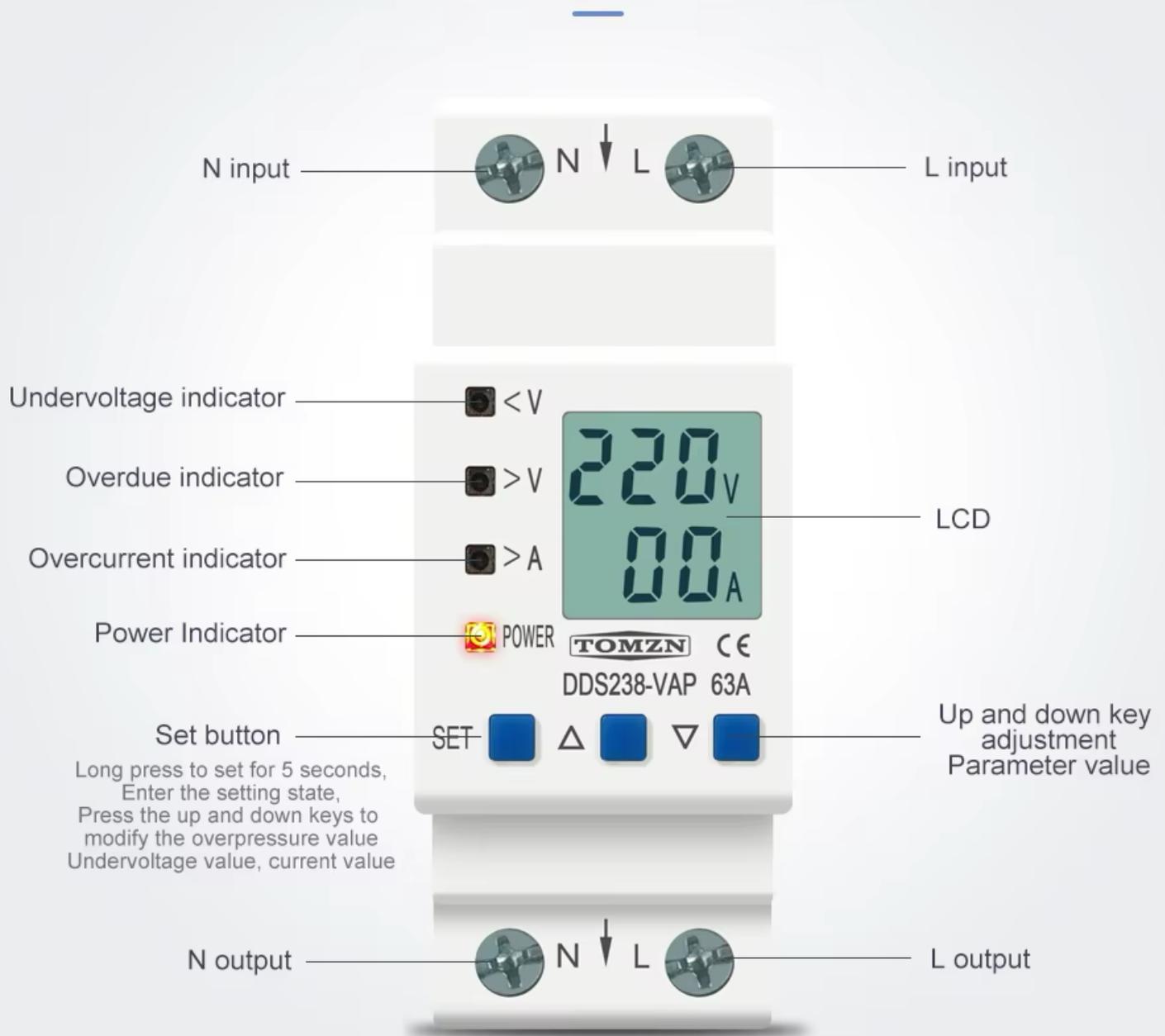


PRODUCT APPEARANCE DISPLAY



LCD DISPLAY INSTRUCTION

Using long-life HTN ultra-wide temperature LCD screen,
the parameter wheel is clear and bright

NORMAL WORKING STATUS LCD DISPLAY

236_V
0.8_A

RMS voltage and current

E
0.8

Total active energy (kWh)

P
8

RMS active power (W)

UNDER FUNCTION MODE SETTING AND VALUE SETTING LCD DISPLAY

dE
2

Function mode 2

b9
2

Backlight mode 2

55
2

Delay 2s in load switch on after input power on

Uo
270

270V overvoltage protection

UoH
265

265V overvoltage recovery

UL
170

170V under voltage protection

ULH
175

175V under voltage recovery

SU
3.0

if over/under voltage fault last 3s, output load switch off

Io
40

40A over-current protection

IC
3.0

3A Malignant load protection (Pure Resistive Load limit)

S1
3.0

if over-current fault last 3s, output load switch off

SH
60

Delay 60s for recovery load after output load switch off protection

Er1
1

Er1 means the recent 1 time records, another 1 means the reason is overvoltage protection

UNDER FUNCTION MODE S5/6/7 LCD DISPLAY

dE
6

Function mode 6

b9
2

Backlight mode 2

55
2

Delay 2s in load switch on after input power on

oP
5

switch off after 5 minutes (after switch on)

CL
5

switch on after 5 minutes (after switch off)

MODE AND CODE DESCRIPTION

LCD Code	Parameters setting	default	Max.	Min.	Marking
dE	Function mode	1	7	1	
dE 1	Mode 1				overvoltage protection, under voltage protection and over-current protection automatic switch off/on
dE 2	Mode 2				overvoltage protection, under voltage protection and over-current protection automatic switch off/manual switch on
dE 3	Mode 3				Close function of overvoltage protection, under voltage protection and over-current protection ,always keep the output load switch off
dE 4	Mode 4				Close function of overvoltage protection, under voltage protection and over-current protection ,always keep the output load switch on
dE 5	Mode 5 , unit: second	5	999	1	Close function of overvoltage protection, under voltage protection and over-current protection , keep the output load switch on /off in cycle
dE 6	Mode 5 , unit: minute	5	999	1	
dE 7	Mode 5 , unit: hour	5	999	1	
b9	Backlight mode	2	2	1	Mode 1 means always lighting , mode 2 means it will lighting last 30s after you push the button . it will light out after 30s if no any operation with button
55	Delay time in load switch on after input power on	2s	255s	2s	It means switch on the output load after how many times when product input power on again
Uo	Overvoltage protection value	270V	300V	85V	If the value exceed the range , the LCD will display off and closed this protection function
UoH	Overvoltage recovery value	265V	300V	85V	This value must be smaller than overvoltage protection value. or it will default set as overvoltage protection value -5V when you save
UL	Under voltage protection value	170V	300V	85V	If the value exceed the range , the LCD will display off and closed this protection function
ULH	Under voltage recovery value	175V	300V	85V	This value must be smaller than under voltage protection value. or it will default set as under voltage protection value +5V when you save
SU	overvoltage / under voltage fault judgment time	3s	60s	0.1s	It means the fault must be last how many times then it will make output load switch off when happen fault
Io	Over current protection value	40A	63A	1A	If the value exceed the range , the LCD will display off and closed this protection function
IC	Malignant load protection value(Pure Resistive Load limit)	0.5A	5A	0.5A	If the value exceed the range , the LCD will display off and closed this protection function
Si	Over current fault judgment time	3s	60s	0.1s	It means the fault must be last how many times then it will make output load switch off when happen fault
SH	Delay time setting for recovery load after output load switch off protection	60s	512s	1s	It means the product must wait for how many times then make the output switch on again after happen protection
oP	Delay time set for cycle switch(under function mode 5/6/7)	5	999	1	The time unit is different under mode5/6/7
CL	Delay time set for cycle switch on(under function mode 5/6/7)	5	999	1	The time unit is different under mode5/6/7
Er1 5	Last five records of protection reason				

Input working voltage	85~300V
Overvoltage protection value	85-300V (default 270V)
Under voltage protection value	85-300V (default 170V)
Over current protection value	1 -63A (default 40A) 1 -80A (default 60A special order)
Rated frequency	50/60Hz
Delay in switch on after power off	2-255V (default 2s)
Voltage circuit power consumption	1W
Current circuit power consumption	<1VA
Active energy display range	0~9999.9kWh
Voltage/current/active power accurate	$\pm 0.5\%$
Active energy accurate	$\pm 1\%$ (IEC62053-21)
Operating temperature	-25 ~+ 70
Storage temperature	-40 ~+ 80
Relative humidity	85%_
Altitude	2500m
Electromagnetic Environment	E2
Mechanical life	100000 cycles