

# Product Specifications

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## Technical Attributes

Input voltage range	180 ~ 264VAC
Output voltage range	0-48.00V
Output current range	0-6.000A
Output power range	0-288.0W
Input voltage measurement resolution	0.01V
Output voltage setting measurement resolution	0.01V
Output current setting measurement resolution	0.001A
Input voltage measurement accuracy	$\pm(1\%+5 \text{ digits})$
Output voltage accuracy between setting and measurement	$\pm(0.3\%+3 \text{ digits})$
Output current accuracy between setting and measurement	$\pm(0.5\%+5 \text{ digits})$
Output ripple typical	100mV VPP <sup>①</sup>
Working temperature range	-10°C~40°C
External sensor Temperature detection range:	-10°C~100°C/0°F~200°F
External sensor Temperature detection accuracy:	$\pm 3^{\circ}\text{C}/\pm 6^{\circ}\text{F}$
External sensor parameter	10K NTC B3950
Constant voltage mode response time	2ms (0.1A-5A load)
Constant voltage mode load regulation	$\pm(0.1\%+2 \text{ digits})$

Constant current mode load regulation	$\pm(0.1\%+3 \text{ digits})$
Capacity measurement range	0-9999.99Ah
Energy measurement range	0-9999.99Wh
Constant voltage mode response time	$\pm 2\%$
Over temperature protection	System temperature $>90^{\circ}\text{C}$
Screen brightness setting	0-5(6 level in total)
Screen	1.54 inch 240*240 color HD display
Weight	5kg approx.
Product dimension	330*100*130mm
Support USB communication	yes

①:Ripple measurement method: noise and ripple are measured at X1 range, AC coupling, 20 MHz of bandwidth on your oscilloscope with a 0.1uF parallel capacitor at the output terminals