

## Specification of 4500 Series

Model		4502	4505	4510	4520A
Rated output power		250VA	500VA	1kVA	2kVA
Maximum output power with respect to products *1		313VA	625VA	1.25kVA	2.5kVA
Rated output current	DC mode	± 1.9A	± 3.8A	± 7.5A	± 15.0A
	AC mode(rms)*2	2.1Arms	4.2Arms	8.3Arms	16.7Arms
Peak current		2.5 X rated value (rms)			
Rated output voltage		120Vrms (± 170V) sinewave			
Maximum output voltage		141Vrms (± 200V) sinewave			
Gain	CV	100V/V			
	CC	1.5A/V	3A/V	6A/V	12A/V
Gain stability		± 100ppm (typ.), ± 100ppm/8h (typ.) (CV, DC to 1kHz)			
Output mode		CV, CC, DC and AC			
Load regulation (DC mode)		CV mode : Within ± 0.1% (DC to 1kHz), ± 2% max. (1kHz to 20kHz) CC mode : Within ± 2% (DC to 1kHz), ± 20% max. (1kHz to 20kHz)			
Line regulation (DC mode)		CV mode : Within ± 0.1% (DC to 1kHz), ± 1% max. (1kHz to 20kHz)			
Frequency response		+0.2, -0.5dB : DC to 5kHz (45Hz to 5kHz for AC mode), +0, -3dB : 5kHz to 20kHz			
Harmonic distortion (DC mode)		CV mode : 0.05% or less (10Hz to 1kHz), 1% or less (10kHz), 2.5% or less (20kHz) CC mode : 0.5% or less (10Hz to 1kHz), 2.5% or less (20kHz)			
Output offset voltage/current		Adjustable to zero			
Remote sensing		Possible in the CV and DC mode (DC to 1kHz)			
Output type		Balanced , single-ended possibly, isolated between input and output			
Power requirements		1φ 100V ± 10% (120, 200, 220 or 240V is available as option.) 48Hz to 62Hz		1φ 200V ± 10% (220 or 240V is available as option.) 48Hz to 62Hz	
Dimensions(mm)		430(W) X 176(H) X 598(D)	430(W) X 265(H) X 598(D)	430(W) X 353.5(H) X 600(D)	430(W) X 442.5(H) X 600(D)
Weight		approx. 27kg	approx. 40kg	approx. 70kg	approx. 93kg
Remarks		*1 with respect to a capacitor-input rectifier circuit having a crest factor (I peak/I rms) of 2, in the CV mode *2 rms value for a sinewave current (at the rated output voltage, with Vcc=100% in AUTO mode)			

**■ Power Booster 4521A ■**

Power requirement	1φ 200V ± 10% (220 or 240V is optionally available.) 48Hz to 62Hz
Dimensions(mm)	430(W) X 442.5(H) X 600(D)
Weight	approx. 92kg