

500W Single Output DC-DC Converter

CBC €



CASE: 912A

215x 115x 50 mm

- 4:1 & 2:1 DC input range
- DC input active surge current limiting
- Protections: Short circuit / Overload / Over voltage / Over temp. / Input polarity
- 2000VAC I/O Isolation
- Forced air cooling by built-in DC fan with fan speed control function
- Output OK signal
- Built-in remote ON-OFF control
- Built-in remote sense function
- 3 years warranty

DC adjustment range	.....	12V: 11~15V, 24V: 23~30V, 48V: 46~60V
Line regulation	.....	±0.5% (max.)
Load regulation	.....	±0.5% (max.)
Overload protection	.....	105%~125% constant current limiting, shut off after 5 sec., AC recycle to re-start
Over voltage protection	.....	130%~160% rated output voltage
Withstand voltage	.....	I/P-O/P: 2kV, I/P-FG: 1.5kV, 1 minute
Isolation resistance	.....	100MΩ(min.) @500VDC
Working temperature	.....	-20°C ~ +60°C (refer to output derating curve)
Safety standards	.....	IEC60950-1 CB approved by TUV
EMC standards	.....	EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204
Packing	.....	1.15kg ; 12pcs / 14.8kg / 0.92CUFT

Model No.	Input	Output	R&N	Effi.
SD-500L-12	19~72V	12V, 0~40A	150mV	86%
SD-500L-24	19~72V	24V, 0~21A	150mV	88%
SD-500L-48	19~72V	48V, 0~10.5A	150mV	89%
SD-500H-12	72~144V	12V, 0~40A	150mV	87%
SD-500H-24	72~144V	24V, 0~21A	150mV	89%
SD-500H-48	72~144V	48V, 0~10.5A	150mV	90%