

500W Single Output DC-DC Converter

CB / CE pending



- 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
- 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 $\pm 0.5\%$ (max.)
 Load regulation $\pm 0.5\%$ (max.)
 Overload protection 105%~125% constant current limiting, auto-recovery
 Over voltage protection 130%~160% rated output voltage
 Withstand voltage I/P-O/P: 2KV, I/P-FG: 1.5KV, 1 minute
 Isolation resistance 100M Ω (min.) @500VDC
 Working temperature -20 $^{\circ}$ C ~ +60 $^{\circ}$ C (refer to output derating curve)
 Safety standards Design refer to EN60950-1
 EMC standards EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204

Stock No.	Model No.	Input	Output	R&N	Effi.
32141	SD-500L-12	19~72V	12V, 0~40A	150mV	82%
32142	SD-500L-24	19~72V	24V, 0~21A	150mV	87%
32143	SD-500L-48	19~72V	48V, 0~10.5A	150mV	89%
32144	SD-500H-12	72~144V	12V, 0~40A	150mV	83%
32145	SD-500H-24	72~144V	24V, 0~21A	150mV	88%
32146	SD-500H-48	72~144V	48V, 0~10.5A	150mV	90%