

# 1000W Single Output DC-DC Converter

CB / CE pending



- 4:1 & 2:1 wide input range
- 2000VAC I/O Isolation
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- High power density 10.7w/inch<sup>3</sup>
- 1U low profile 41mm
- Output OK Signal
- Built-in remote ON-OFF control
- Built-in remote sense function
- 3 years warranty

DC adjustment range ..... 12V: 11~16V, 24V: 23~30V, 48V: 46~56V

Line regulation .....  $\pm 0.5\%$  (max.)

Load regulation .....  $\pm 0.5\%$  (max.)

Overload protection ..... 105%~125% constant current limiting,  
shut off after 5 sec., AC recycle to restart

Over voltage protection ... 101%~167% rated output voltage

Withstand voltage ..... I/P-O/P: 2KV, I/P-FG: 1.5KV, 1 minute

Isolation resistance ..... 100M $\Omega$  ( min. ) @500VDC

Working temperature ..... -20 $^{\circ}\text{C}$  ~ +70 $^{\circ}\text{C}$  (refer to output derating curve)

Safety standards ..... Meet LVD, design refer to TUV EN60950-1

EMC standards ..... EN55022 class B, EN61000-4-2,3,4,6,8, ENV50204

Packing ..... 1.95kg ; 6pcs / 12.7kg / 0.99CUFT

Stock No.	Model No.	Input	Output	R&N	Effi.
32131	SD-1000L-12	19~72V	12V, 60A	150mV	83%
32132	SD-1000L-24	19~72V	24V, 40A	150mV	88%
32133	SD-1000L-48	19~72V	48V, 21A	150mV	90%
32134	SD-1000H-12	72~144V	12V, 60A	150mV	84%
32135	SD-1000H-24	72~144V	24V, 40A	150mV	89%
32136	SD-1000H-48	72~144V	48V, 21A	150mV	91%