

1000W Single Output DC-DC Converter

CBC€



- 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/inch³
- 1U low profile 41mm
- Output OK signal
- 12V / 0.25A auxiliary output
- 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, 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 100M Ω (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 1.94kg ; 6pcs / 12.6kg / 0.99CUFT

Model No.	Input	Output	R&N	Effi.
SD-1000L-12	19~72V	12V, 0~60A	150mV	84%
SD-1000L-24	19~72V	24V, 0~40A	150mV	88%
SD-1000L-48	19~72V	48V, 0~21A	150mV	90%
SD-1000H-12	72~144V	12V, 0~60A	150mV	85%
SD-1000H-24	72~144V	24V, 0~40A	150mV	89%
SD-1000H-48	72~144V	48V, 0~21A	150mV	92%