

# SDR Series

## Metal Case — 75~960W Slim & High Efficiency



### Features

- Universal AC input / Full range  
(AC input 180~264VAC only for SDR-960)
- Built-in active PFC function (SDR-120/240/480/960)
- **High efficiency up to 94%**
- Protections: Short circuit / Overload /  
Over voltage / Over temperature
- Built-in constant current limiting circuit
- Cooling by free air convection
- Working temperature: -30~+70°C
- Can be installed on DIN rail TS-35 / 7.5 or 15
- Built-in DC OK relay contact (SDR-120/240/480/960)
- DC output voltage adjustable
- **150% peak load capability (130% for SDR-960)**
- **Current sharing up to 3840W (7+1) for SDR-480P;**  
**Current sharing up to 3840W (3+1) for SDR-960**
- Comply with GL (SDR-120/240/480);  
Comply with SEMI F47 (SDR-75/120/240/480)
- 3 years warranty



#### Dimension (WxHxD)

SDR-75	32x 125.2x 102mm
SDR-120	40x 125.2x 113.5mm
SDR-240	63x 125.2x 113.5mm
SDR-480□	85.5x 125.2x 128.5mm
SDR-960	110x 125.2x 150mm

#### 75W (SDR-75)



Model No.	Output	Tol.	R&N	Effi.
SDR-75-12	12V, 6.3A	±1.0%	100mV	88.5%
SDR-75-24	24V, 3.2A	±1.0%	100mV	89.0%
SDR-75-48	48V, 1.6A	±1.0%	120mV	90.0%

#### 480W (SDR-480□)



Model No.	Output	Tol.	R&N	Effi.
SDR-480□-24	24V, 20A	±1.2%	100mV	94.0%
SDR-480□-48	48V, 10A	±1.0%	120mV	94.0%

□=blank, P ; Blank: basic function, P: with parallel function

#### 120W (SDR-120)



Model No.	Output	Tol.	R&N	Effi.
SDR-120-12	12V, 10A	±1.0%	100mV	89.0%
SDR-120-24	24V, 5.0A	±1.0%	100mV	91.0%
SDR-120-48	48V, 2.5A	±1.0%	120mV	90.5%

#### 960W (SDR-960)



Model No.	Output	Tol.	R&N	Effi.
SDR-960-24	24V, 40A	±1.0%	180mV	94.0%
SDR-960-48	48V, 20A	±1.0%	250mV	94.0%

#### 240W (SDR-240)



Model No.	Output	Tol.	R&N	Effi.
SDR-240-24	24V, 10A	±1.0%	100mV	94.0%
SDR-240-48	48V, 5.0A	±1.0%	120mV	94.0%