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## Power Supplies

### SDN C Compact DIN Rail Series

The SDN-C DIN rail power supplies are the next generation of the popular SDN series. These models combine high efficiency and compact size with new visual diagnostic LEDs to offer the most performance available from SolaHD. Essential industrial features such as Sag Immunity, Power



### Applications

- Industrial Machine Control and Process Control
- Conveying Equipment
- Material Handling

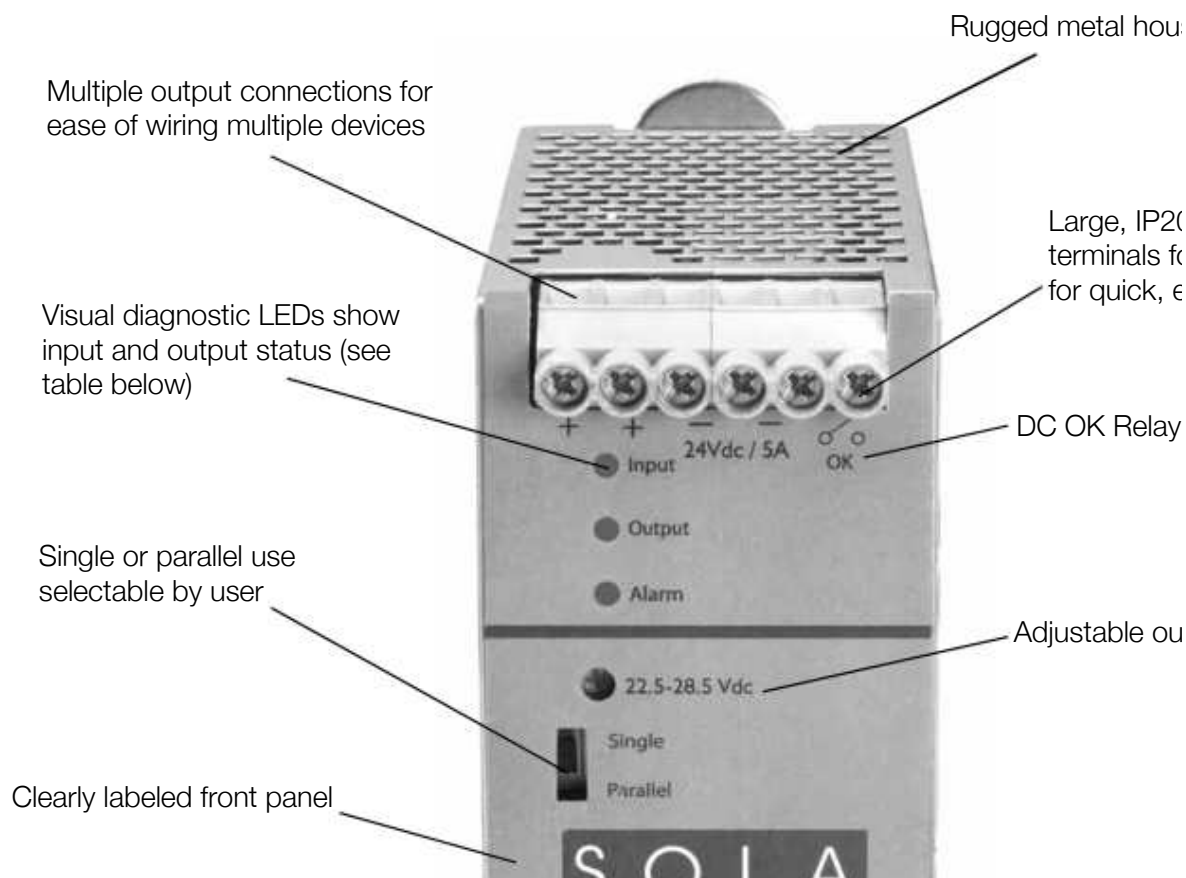
•  UL Recognized  
- UL 60950-1/CSA C2  


# Factory Built Continuous Duty retained

## 3

### Power Supplies

#### The SolaHD Difference





Power Supplies

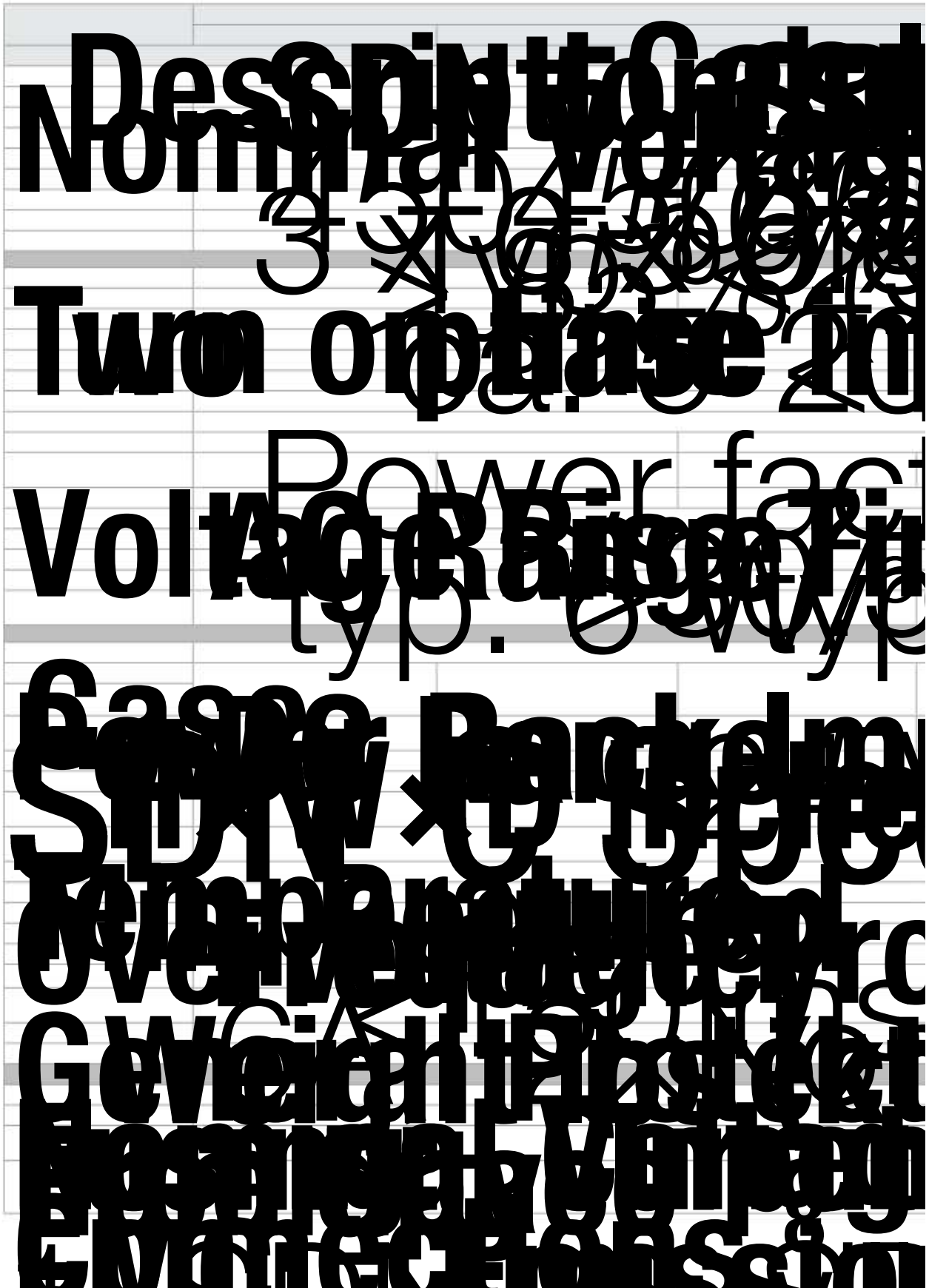
SDN C Specifications (Single Phase)

Description	Catalog Number	
	SDN 5 24 100C	SDN 10 24 100C
	Input	
Nominal Voltage	115/230 Vac	
AC Range	85 - 264 Vac	
DC Range <sup>1</sup>	90 - 375 Vdc	
Frequency	43 - 67 Hz	
Nominal Current <sup>2</sup>	1.65 - 0.55 A	3.2 - 1.0 A
	Typ. < 15 A	
	> 90% typ. (12 W)	

**Nominal Voltage**  
**Inrush current**  
**Tolerance**

**Efficiency**  
**Output Voltage**  
**Regulation**  
**Load Regulation**  
**Line Regulation**  
**Temperature**  
**Humidity**  
**Shock**  
**Vibration**  
**EMC**  
**ESD**  
**MTBF**  
**RoHS**

**PARALLEL**  
**FREE SPACE**



with  $V_{solt}$  across  
 1.  $P_{in} = I_{in} \cdot V_{in}$   
 Efficiency (%) Loss  
 Parallel Opera  
 Power Factor  
 3. Holdup Time  
 3. Input Current  
 Nominal Current  
 Voltage Regulation  
 typ Peak Current  
 Line and Load  
 4. Losses Power

5. **Ripple**  $\leq 70$   
**Current Limit**

**Derating** and 50

**Storage** : -4  
**Holdup Time**

**Voltage Fall Time**

**Parallel Operati**







conn