

SUPERCAPACITOR POWER SUPPLY

SCAP 12-20

The SCAP product family offers a reliable solution for uninterrupted system infrastructure, which is becoming increasingly important in smart grid applications. Designed for systems powered by direct current (DC), the device ensures energy continuity for at least 3 minutes under a load of 3.5 watts per minute in the event of a power outage.

Thanks to the input-side charge limiter, the device can be safely and consistently charged with a constant charging current of 0.20 A.

SCAP acts as a short-term power source for systems such as communication devices. In the event of a power failure, it provides the necessary backup energy for these devices to transmit critical signals to the main monitoring center.

GENERAL

Operating Temperature	-20°C...+70°C
Storage Temperature	-30°C...+70°C
Protection Class	IP40
Mounting	DIN Ray

DIMENSIONS

Height x Width x Depth	150 x 80 x 35 mm
Weight	400 g

TECHNICAL SPECIFICATIONS

Supply Voltage	12 Vdc
Supply Power	<3VA
Output Voltage	12 Vdc
Output Power	12 W
Discharge Period	180 seconds (3.5 Watt/Min Load)

AREAS OF USE

Solar Power Plants
Industrial Facilities
Wind Turbines
Hydroelectric Power Plants

