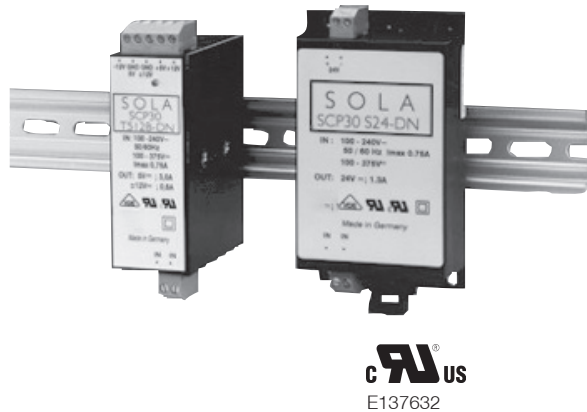## SCP Series, 30 Watt; Single, Dual and Triple

E137632

The SolaHD SCP switchers are compact, rugged power supplies designed to power many of your industrial control and instrumentation devices and equipment, with high reliability and tight regulation through the most difficult factory floor conditions around the globe. "User friendly" applies to these unique power supplies that feature easy-to-install DIN rail and chassis mounting. Terminations are also easy to access (AC and DC terminations are well separated) and simple to wire. Safety is another aspect where the SCP distinguishes itself. The encapsulated design meets IP20 specifications, and the wide range of voltages will reliably support almost any low power device in your cabinet or system for years
to come.

Features

- Low Profile and Slim Line product designs
- DIN Rail or Chassis Mount
- Rugged, encapsulated design to resist environment
- IP20 protection
- Many output voltages, 3.3-48 Volts; single, dual, triple
- Five year limited warranty

Packaging and Mounting Specifications

- Simple snap-on for DIN Rail TS35/7.5 or TS35/15
- M3 screw clamp terminations
- Chassis mounting possible on -UDN Low Profile versions by removing DIN clips (simply unscrew at the back of the unit).

Selection Table

Low Profile Catalog Number	Description	Output Voltages						Min Load V1	Efficiency %
		V1		V2		V3			
		Vdc	A	Vdc	A	Vdc	A	A	
SCP 30S3.3–UDN	3.3 V	3.3	6.0	-	-	-	-	0	≥ 62
SCP 30S5–UDN	5 V	5	6.0	-	-	-	-	0	≥ 70
SCP 30S12–UDN	12 V	12	2.5	-	-	-	-	0	≥ 75
SCP 30S15–UDN	15 V	15	2.0	-	-	-	-	0	≥ 75
SCP 30S24–UDN	24 V	24	1.3	-	-	-	-	0	≥ 77
SCP 30S48–UDN	48 V	48	0.6	-	-	-	-	0	≥ 77
SCP 30D12–UDN	Dual O/P +/- 12 V	12	1.2	-12	1.2	-	-	0.12	≥ 68
SCP 30D15–UDN	Dual O/P +/- 15 V	15	1.0	-15	1.0	-	-	0.15	≥ 68
SCP 30D512–UDN	Dual O/P 5 V & 12 V	5	3.0	12	1.2	-	-	0.3	≥ 68
SCP 30D524–UDN	Dual O/P 5 V & 24 V	5	3.0	24	0.6	-	-	0.3	≥ 68
SCP 30T512–UDN	Triple O/P 5/12/12 V	5	3.0	-12	0.6	12	0.6	0.3	≥ 68
SCP 30T515–UDN	Triple O/P 5/15/15 V	5	3.0	-15	0.5	15	0.5	0.3	≥ 68

Please order using the following model number suffixes:

–UDN: Low Profile – DIN Rail or Chassis Mount
(ie: SCP30S3.3-UDN).

B–UDN: Slim Line – DIN Rail Mount Availability Only
(ie: SCP30S3.3B-UDN).

Note: Slim line version not available on SCP30D512-UDN

Options and Accessories

- SCP-MDC – Pair of metal DIN clips
- SCP-PDC – 1 plastic DIN clip with lever for removal from rail

Certifications and Compliances

- c**UL**us UL Recognized Component, ITE, E137632
- IP20

SCD Series, Encapsulated, Industrial DC to DC Converter

The SolaHD SCD Series compact, rugged DC to DC converters are power supplies designed to power industrial control instrumentation devices and equipment where AC power is not convenient or accessible. With high reliability and wide input range, these units can operate through the most difficult factory floor conditions around the globe. "User friendly" applies to these unique power supplies that feature easy-to-install DIN rail and chassis mounting. Terminations are also easy to access and simple to wire. Encapsulated design meets IP20 specifications for use in harsh environments.
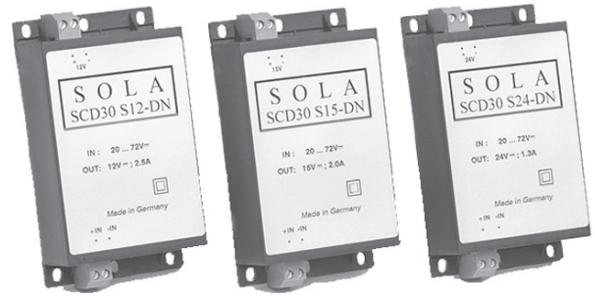
Applications

These units regulate voltage for sensitive electronic equipment run from battery power. For example, a 24 Vdc battery system where the battery voltage can be 30 volts, sometimes higher during charging, and dip below 22 volts under heavy load. The SCD can be used to stabilize the voltage for those devices not designed to handle wider voltage swings.

They are also a convenient and inexpensive alternative to running AC power through a large industrial machine. The SCD can use 24 Vdc commonly available on many parts of the machine to create other voltages needed to run sensors, transducers and other devices that the machine requires to work properly.

- Industrial
  - Encoders, special sensors, communications and instrumentation
- Telecommunications systems
- Remote Site/Harsh Environment

Features

- DIN Rail or Chassis Mount by removing DIN clips
- Rugged, encapsulated design to resist environment
- IP20 protection
- Wide 20 to 72 Vdc input range
- M3 screw clamp terminations
- Simple snap-on for DIN Rail TS35/7.5 or TS35/15
- Galvanic isolation
- Five year limited warranty

E61379   E137632

Options and Accessories

- **SCP–MDC** – Pair of metal DIN clips
- **SCP–PDC** – 1 plastic DIN clip with lever for removal from rail

Certifications and Compliances

- Listed, Ind. Control Equip., E61379
  - UL 508/CSA C22.2 No. 107.1
- Recognized Component, ITE, E137632
  - UL 60950/CSA C22.2 No. 234-M90
- IP20