

Power Supplies & UPS

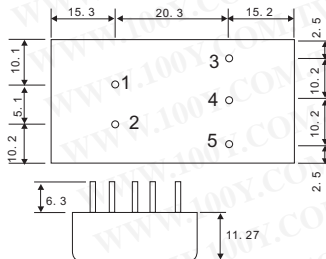
DC/DC Single Output Power Converters

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
21286	SDM30-48S05	MEAN WELL	DC to DC Single Output Power Converters	5V	36~72V	5A	30W	83%
21284	SDM30-48S12	MEAN WELL	DC to DC Single Output Power Converters	12V	36~72V	2.5A	30W	83%
21287	SDM30-48S15	MEAN WELL	DC to DC Single Output Power Converters	15V	36~72V	2A	30W	83%



- FEATURES:**
- 2:1 wide input range
 - 1000VDC I/O isolation
 - 3000VDC I/O isolation (option)
 - Input Pi network filter
 - Protection: short circuit/ Overload
 - Cooling by free air convection
 - Six-sided shield metal case
 - 100% full load burn-in test
 - Low cost, high reliability
 - 1 year warranty



Pin no.	Output	
	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	No Pin	COM
5	-Vout	-Vout



Voltage set point accuracy: $\pm 2\%$ (max.)

Line regulation: $\pm 0.2\%$ (max.)

Load regulation: $\pm 0.5\%$ (max.) @20~100% load

Efficiency: 76% (typical)

Short circuit protection: continuous, auto-recovery

Overload protections: 110~250%, auto-recovery

I/O isolation voltage: 1000VDC (min.)

I/O isolation resistance: 100M Ω (min.) @500VDC

Working temperature: -25°C to +60°C (no derating), +71°C@80% load

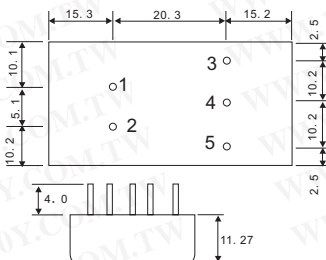
Storage temperature: -25°C to +105°C

Temp. Coefficient: $\pm 0.03\%$ /°C (max.)

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
39456	SKA15B-15	MEAN WELL	15W DC-DC Regulated Single and Dual Output	15V	9~18V	1000mA	15W	76%



- FEATURES:**
- 2:1 wide input range
 - 1000VDC I/O isolation
 - 3000VDC I/O isolation (option)
 - Input Pi network filter
 - Protection: short circuit/ Overload
 - Cooling by free air convection
 - Six-sided shield metal case
 - 100% full load burn-in test
 - Low cost, high reliability
 - 1 year warranty



Pin no.	Output	
	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	No Pin	COM
5	-Vout	-Vout



I/O isolation voltage: 1000VDC (min.)

I/O isolation resistance: 100M Ω (min.) @500VDC

Working temperature: -25°C to +60°C (no derating), +71°C@80% load

Storage temperature: -25°C to +105°C

Temp. Coefficient: $\pm 0.03\%$ /°C (max.)

Voltage set point accuracy: $\pm 2\%$ (max.)

Line regulation: $\pm 0.3\%$ (max.)

Load regulation: $\pm 0.5\%$ (max.) @20~100% load

Efficiency: 76% (typical)

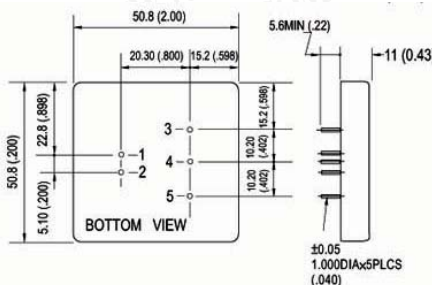
Short circuit protection: continuous, auto-recovery

Overload protections: 160~250%, auto-recovery

Part No.	Product No.	Manufacturer	Description	DCVout	DCVin	Current	Watts	Efficiency %
21239	SKE10A-05	MEAN WELL	DC to DC Single Output Power Converters	5V	9~18V	2000mA	10W	76%
21241	SKE10A-12	MEAN WELL	DC to DC Single Output Power Converters	12V	9~18V	840mA	10W	76%
15117	SKE10A-15	MEAN WELL	DC to DC Single Output Power Converters	15VDC	9~18VDC	666mA	10W	76%
17631	SKE10A-24	MEAN WELL	DC to DC Single Output Power Converters	24V	9~18V	420mA	10W	76%
21243	SKE10B-05	MEAN WELL	DC to DC Single Output Power Converters	5V	18~36V	2000mA	10W	76%
21244	SKE10B-12	MEAN WELL	DC to DC Single Output Power Converters	12V	18~36V	840mA	10W	76%
8411	SKE10B-15	MEAN WELL	DC to DC Single Output Power Converters	15VDC	18~36VDC	666mA	10W	76%
21245	SKE10B-24	MEAN WELL	DC to DC Single Output Power Converters	24V	18~36V	420mA	10W	76%
21246	SKE10C-05	MEAN WELL	DC to DC Single Output Power Converters	5V	36~72V	2000mA	10W	76%
21247	SKE10C-12	MEAN WELL	DC to DC Single Output Power Converters	12V	36~72V	840mA	10W	76%
21249	SKE10C-15	MEAN WELL	DC to DC Single Output Power Converters	15V	36~72V	666mA	10W	76%
21250	SKE10C-24	MEAN WELL	DC to DC Single Output Power Converters	24V	36~72V	420mA	10W	76%



- FEATURES:**
- 2:1 wide input range
 - 4:1 wide input range (optional)
 - 1000VDC I/O isolation
 - Input Pi network filter
 - Protections: short circuit/ over load
 - Free air convection
 - Six-sided shield metal case
 - High reliability / Low cost
 - 100% burn-in test
 - 1 year warranty



Pin no.	Output	
	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	No Pin	COM
5	-Vout	-Vout



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