

COTEK SK-SERIES PURE SINE WAVE INVERTER

200W

FEATURES:

- DC input socket availability for different user scenarios
- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 approved



	SK200-112	SK200-124	SK200-148	SK200-212	SK200-224	SK200-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	200W					
Maximum Power	220W					
Surge Power	400W					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COSØ-90° ~ COSØ+90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	0.83A	0.32A	0.19A	----	----	----
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	89%	91%	92%	91%	93%	94%
Fuse	30A x 1	20A x 1	10A x 1	30A x 1	20A x 1	10A x 1
Remote Control	By external switch					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	----			----		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	----			----		
EMS Immunity	----			----		
e-Mark	Certified CISPR 25; ISO 11452-2; ISO 7637-2					
GENERAL						
Dimension	147 x 61.3 x 177.5mm (W x H x D)					
Packing	1.74kgs; 6pcs / 11.4kg / 1.45CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER

350W

FEATURES:

- DC input socket availability for different user scenarios
- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 / CE / FCC approved



	SK350-112	SK350-124	SK350-148	SK350-212	SK350-224	SK350-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	350W					
Maximum Power	385W					
Surge Power	700W					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COS θ -90° ~ COS θ +90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	0.68A	0.66A	0.22A	0.80A	0.22A	----
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	89%	91%	92%	91%	93%	94%
Fuse	20A x 2	30A x 1	15A x 1	20A x 2	30A x 1	15A x 1
Remote Control	By external switch					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	Certified UL458 (only for "GFCI" receptacles)			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	147 x 61.3 x 177.5mm (W x H x D)					
Packing	1.85kg; 6pcs / 12kg / 1.45CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER 700W

FEATURES:

- DC input socket availability for different user scenarios
- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 / CE / FCC approved



	SK700-112	SK700-124	SK700-148	SK700-212	SK700-224	SK700-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	700W					
Surge Power	Load 101 ~ 115% (3min); 1400W (3 sec; resistive)					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COS θ -90° ~ COS θ +90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	1.25A	0.64A	0.31A	1.2A	0.60A	0.28A
Standby Current Draw	0.25A	0.15A	0.08A	0.25A	0.15A	0.08A
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	89%	91%	92%	91%	93%	94%
Fuse	30A x 3	15A x 3	15A x 2	30A x 3	15A x 3	15A x 2
Remote Control	CR6 / CR8 (optional)					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	Certified UL458 (only for "GFCI" receptacles; SK700-148 only meets UL 458)			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	-----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	-----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	179 x 72 x 273mm (W x H x D)					
Packing	3.36kg; 6pcs / 21.2kg / 2.46CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER

1000W

FEATURES:

- DC input socket availability for different user scenarios
- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 / CE / FCC approved



	SK1000-112	SK1000-124	SK1000-148	SK1000-212	SK1000-224	SK1000-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	1000W					
Surge Power	Load 101 ~ 115% (3min); 2000W (3 sec; resistive)					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COSØ-90° ~ COSØ+90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	1.43A	0.75A	0.38A	1.2A	0.60A	0.28A
Standby Current Draw	0.25A	0.15A	0.09A	0.25A	0.15A	0.08A
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	89%	92%	93%	91%	93%	94%
Fuse	40A x 4	20A x 4	20A x 2	40A x 4	20A x 4	20A x 2
Remote Control	CR6 / CR8 (optional)					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	Certified UL458 (only for "GFCI" receptacles; SK700-148 only meets UL 458)			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	-----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	-----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	182 x 88.5 x 340mm (W x H x D)					
Packing	4.76kg; 4pcs / 20kg / 2.45CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER

1500W

FEATURES:

- DC input socket availability for different user scenarios
- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E13 / CE / FCC approved



	SK1500-112	SK1500-124	SK1500-148	SK1500-212	SK1500-224	SK1500-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	1500W					
Surge Power	Load 101 ~ 115% (3min); 3000W (3 sec; resistive)					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COSθ-90° ~ COSθ+90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	1.45A	0.75A	0.40A	1.40A	0.70A	0.40A
Standby Current Draw	0.28A	0.15A	0.09A	0.28A	0.15A	0.09A
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	88%	91%	92%	90%	93%	94%
Fuse	40A x 5	20A x 5	20A x 3	40A x 5	20A x 5	20A x 3
Remote Control	CR6 / CR8 (optional)					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	Certified UL458 (only for "GFCI" receptacles; SK700-148 only meets UL 458)			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	-----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	-----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	191 x 88.5 x 370mm (W x H x D)					
Packing	5.3kg; 4pcs / 22.2kg / 2.7CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER

2000W

FEATURES:

- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- Removable output connector panel for output wire connection
- E13 / CE / FCC approved



	SK2000-112	SK2000-124	SK2000-148	SK2000-212	SK2000-224	SK2000-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	2000W					
Surge Power	Load 101 ~ 115% (3min); 4000W (3 sec; resistive)					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COS θ -90° ~ COS θ +90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	2.80A	1.50A	0.70A	2.64A	1.32A	0.65A
Standby Current Draw	0.60A	0.30A	0.15A	0.60A	0.25A	0.15A
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	89%	92%	93%	91%	94%	95%
Fuse	40A x 8	20A x 4	20A x 4	40A x 8	20A x 8	20A x 4
Remote Control	CR6 / CR8 (optional)					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	-----			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	-----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	-----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	209 x 166 x 368mm (W x H x D)					
Packing	9.7kg; 2pcs / 20.4kg / 2.64CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					

COTEK SK-SERIES PURE SINE WAVE INVERTER

3000W

FEATURES:

- Pure sine wave output (THD < 3%)
- Power ON-OFF remote control
- Input & output fully isolation
- Output Frequency can be adjusted by means of the DIP switch
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- Removable output connector panel for output wire connection
- E13 / CE / FCC approved



	SK3000-112	SK3000-124	SK3000-148	SK3000-212	SK3000-224	SK3000-248
OUTPUT						
AC Voltage	100 / 110 / 120VAC			220 / 230 / 240VAC		
Rated Power	3000W					
Surge Power	Load 101 ~ 115% (3min); 6000W (3 sec; resistive)					
Wave Form	Pure sine wave (THD < 3%)					
Frequency	50 / 60 Hz ± 0.05%					
AC Regulation	±5%			±3%		
Power Factor Allowed	COS θ -90° ~ COS θ +90°					
Standard Receptacles	NEMA5-15R / GFCI			Schuko / UK / Australia / Universal		
Led Indicator	Input voltage level, output load level and fault status					
INPUT						
No Load Current Draw	2.00A	1.60A	0.80A	2.80A	1.50A	0.70A
Standby Current Draw	0.55A	0.35A	0.19A	0.55A	0.35A	0.19A
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.5~15.0VDC	21.0~30.0VDC	42.6~60VDC	10.5~15.0VDC	21.0~30.0VDC	42.0~60VDC
Efficiency (typ.)	88%	91%	92%	90%	93%	94%
Fuse	40A x 10	20A x 10	20A x 6	40A x 10	20A x 10	20A x 6
Remote Control	CR6 / CR8 (optional)					
PROTECTION						
Bat. Low Alarm	11VDC	22VDC	44VDC	11VDC	22VDC	44VDC
Bat. Low Shutdown	10.5V	21.0VDC	42.0VDC	10.5V	21.0VDC	42.0VDC
Over Load	Shut off output voltage, restart to recover					
Over Voltage	15.3VDC	30.6VDC	61.2VDC	15.3VDC	30.6VDC	61.2VDC
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down					
Output Short	Shut off output voltage, restart To recover					
DC Input Reverse Polarity	By fuse					
ENVIRONMENT						
Working Temp.	0 ~ +40°C					
Working Humidity	20% ~ 90% RH non-condensing					
Storage Temp. & Humidity	-30C ~ +70°C, 10 ~ 95% RH					
SAFETY & EMC						
Safety Standards	-----			Certified EN 60950-1		
Isolation Resistance	I/P ~ O/P: 100M Ohms / 500VDC					
EMI Conduction & Radiation	Certified FCC class A			Certified En55022, EN 61000-3-2, -3-3, -6-3; EN 61204-3		
EMS Immunity	-----			Certified EN 61204-3; EN55024, EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
e-Mark	-----			Certified CISPR 25; ISO 11452-2; ISO 7637-2		
GENERAL						
Dimension	209 x 166 x 386mm (W x H x D)					
Packing	11kg; 2pcs / 23kg / 2.86CUFT					
Cooling	Load controlled fan					
Application	Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and off-grid Solar power systems ...etc.					