

# COTEK-Pure Sine Wave Inverters - (S-SERIES)

150-1500W

## FEATURES

- True Sine wave output (THD 6%) • Power ON-OFF remote control
- Input & Output fully Isolated
- Thermo controlled fan • Advanced Microprocessor
- Input polarity reverse / Under voltage / Over voltage protection
- Capable of driving highly reactive and capacitive loads
- Tri-colour indicators display input, output level & failure status • 50/60Hz • 220 / 230 / 240 VAC



Model	RATED POWER	SURGE POWER	AC REGULATION	NO LOAD CURRENT DRAW	EFFICIENCY (Typical)	VOLTAGE RANGE	BATTERY	REMOTE CONTROL	DIMENSION
							LOW ALARM		WEIGHT
S150-212	150W	200W	± 5%	0.22A	87%	10.5~15VDC	11VDC	EXTERNAL SWITCH	200x132x72mm
							15.3VDC		2.7kgs
S150-224	150W	200W	± 5%	0.16A	88%	21.0~30VDC	22VDC	EXTERNAL SWITCH	200x132x72mm
							30.6VDC		2.7kgs
S300-212	300W	400W	± 5%	0.26A	89%	10.5~15VDC	11VDC	EXTERNAL SWITCH	237x155x72mm
							15.3VDC		3.5kgs
S300-224	300W	400W	± 5%	0.28A	89%	21.0~30VDC	22VDC	EXTERNAL SWITCH	237x155x72mm
							30.6VDC		3.5kgs
S600-212	600W	400W	± 3%	0.83A	90%	10.5~15VDC	11VDC	N/A	295x180x72mm
							15.3VDC		2.7kgs
S600-224	600W	800W	± 3%	0.43A	93%	21.0~30VDC	22VDC	N/A	295x180x72mm
							30.6VDC		2.7kgs
S600-248	600W	800W	± 3%	0.22A	94%	42.0~60VDC	44VDC	N/A	295x180x72mm
							61.2VDC		2.7kgs
S1500-212	1500W	2000W	± 3%	0.83A	90%	10.5~15VDC	11VDC	N/A	390x275x105mm
							15.3VDC		7.0kgs
S1500-224	1500W	2000W	± 3%	0.43A	93%	21.0~30VDC	22VDC	N/A	390x275x105mm
							30.6VDC		7.0kgs
S1500-248	1500W	2000W	± 3%	0.22A	94%	42.0~60VDC	44VDC	N/A	390x275x105mm
							61.2VDC		7.0kgs

# COTEK-Pure Sine Wave Inverters (ST-SERIES) - AC Transfer

600-2500W

## FEATURES

- True Sine wave output (THD 3%)
- Power ON-OFF remote control
- Input & Output fully Isolated
- Load controlled fan • Advanced Microprocessor
- Built-in transfer switch and AC circuit breaker
- ROF (Remote override function) or ignition lockout function
- Speed up transfer time & synchronised operation with utility AC source
- Input polarity reverse / Under voltage / Over voltage protection



Model	RATED POWER	SURGE POWER	AC REGULATION	NO LOAD CURRENT DRAW	EFFICIENCY (Typical)	CIRCUIT BREAKER	VOLTAGE RANGE	REMOTE CONTROL	DIMENSION
						TRANSFER SWITCH			WEIGHT
ST600-212	600W	800W	± 3%	0.83A	90%	3A	10.5~15VDC	CR8	290x179x80mm
						10A			3.3kgs
ST600-224	600W	800W	± 3%	0.43A	93%	3A	21.0~30VDC	CR8	290x179x80mm
						10A			3.3kgs
ST600-248	600W	800W	± 3%	0.22A	94%	3A	42.0~60VDC	CR8	290x179x80mm
						10A			3.3kgs
ST1000-212	1000W	2000W	± 3%	1.25A	90%	6A	10.5~15VDC	CR6/CR8	373x236x115mm
						16A			6.2kg
ST1000-224	1000W	2000W	± 3%	0.65A	93%	6A	21.0~30VDC	CR6/CR8	373x236x115mm
						16A			6.2kg
ST1000-248	1000W	2000W	± 3%	0.35A	94%	6A	42.0~60VDC	CR6/CR8	373x236x115mm
						16A			6.2kg
ST1500-212	1500W	3000W	± 3%	1.4A	92%	10A	10.5~15VDC	CR6/CR8	403x236x115mm
						16A			7.0kg
ST1500-224	1500W	3000W	± 3%	0.7A	93%	10A	21.0~30VDC	CR6/CR8	403x236x115mm
						16A			7.0kg
ST1500-248	1500W	3000W	± 3%	0.4A	94%	10A	42.0~60VDC	CR6/CR8	403x236x115mm
						16A			7.0kg
ST2000-212	2000W	4000W	± 3%	2.3A	90%	15A	10.5~15VDC	CR6/CR8	433x332x115mm
						15A			11.2kg
ST2000-224	2000W	4000W	± 3%	1.1A	93%	15A	21.0~30VDC	CR6/CR8	433x332x115mm
						15A			11.2kg
ST2000-248	2000W	4000W	± 3%	0.65A	94%	15A	42.0~60VDC	CR6/CR8	433x332x115mm
						15A			11.2kg
ST2500-212	2500W	5000W	± 3%	2.32A	90%	15A	10.5~15VDC	CR6/CR8	463x332x115mm
						15A			12kg
ST2500-224	2500W	5000W	± 3%	1.15A	93%	15A	21.0~30VDC	CR6/CR8	463x332x115mm
						15A			12kg
ST2500-248	2500W	5000W	± 3%	0.68A	94%	15A	42.0~60VDC	CR6/CR8	463x332x115mm
						15A			12kg

# COTEK-Pure Sine Wave Inverters (SK-SERIES) - Power on demand

200-3000W

## FEATURES

- True Sine wave output (THD 3%) • Power ON-OFF remote control
- Input & Output fully isolated • Load controlled fan • Advanced Microprocessor
- Input polarity reverse / Under voltage / Over voltage protection
- Low power saving mode to conserve energy
- Tri-colour indicators display input, output level & failure status



Model	RATED POWER	SURGE POWER	AC REGULATION	NO LOAD CURRENT DRAW	EFFICIENCY (Typical)	VOLTAGE RANGE	BATTERY	REMOTE CONTROL	DIMENSION
							LOW ALARM		WEIGHT
							OVER VOLTAGE		
SK200-212	200W	400W	± 3%	1.2A	91%	10.5~15VDC	11VDC 15.3VDC	EXTERNAL SWITCH	295x180x172mm 2.7kgs
SK200-224	200W	400W	± 3%	0.6A	93%	21.0~30VDC	22VDC 30.6VDC	EXTERNAL SWITCH	295x180x172mm 2.7kgs
SK200-248	200W	400W	± 3%	0.28A	94%	42.0~60VDC	44VDC 61.2VDC	EXTERNAL SWITCH	295x180x172mm 2.7kgs
SK350-212	350W	700W	± 3%	1.2A	91%	10.5~15VDC	11VDC 15.3VDC	EXTERNAL SWITCH	295x180x72mm 2.7kgs
SK350-224	350W	700W	± 3%	0.6A	93%	21.0~30VDC	22VDC 30.6VDC	EXTERNAL SWITCH	295x180x72mm 2.7kgs
SK350-248	350W	700W	± 3%	0.28A	94%	42.0~60VDC	44VDC 61.2VDC	EXTERNAL SWITCH	295x180x72mm 2.7kgs
S700-212	700W	1400W	± 3%	1.2A	91%	10.5~15VDC	11VDC 15.3VDC	CR6/CR8	296x180x72mm 2.7kgs
S700-224	700W	1400W	± 3%	0.6A	93%	21.0~30VDC	22VDC 30.6VDC	CR6/CR8	296x180x72mm 2.7kgs
S700-248	700W	1400W	± 3%	0.28A	94%	42.0~60VDC	44VDC 61.2VDC	CR6/CR8	296x180x72mm 2.7kgs
SK1000-212	1000W	2000W	± 3%	1.2A	91%	10.5~15VDC	11VDC 15.3VDC	CR6/CR8	383x182x88mm 4.0kgs
SK1000-224	1000W	2000W	± 3%	0.6A	93%	21.0~30VDC	22VDC 30.6VDC	CR6/CR8	383x182x88mm 4.0kgs
SK1000-248	1000W	2000W	± 3%	0.28A	94%	42.0~60VDC	44VDC 61.2VDC	CR6/CR8	383x182x88mm 4.0kgs
SK1500-212	1500W	3000W	± 3%	1.4A	90%	10.5~15VDC	11VDC 15.3VDC	CR6/CR8	415x191x88mm 4.8kgs
SK1500-224	1500W	3000W	± 3%	0.7A	93%	21.0~30VDC	22VDC 30.6VDC	CR6/CR8	415x191x88mm 4.8kgs
SK1500-248	1500W	3000W	± 3%	0.4A	94%	42.0~60VDC	44VDC 61.2VDC	CR6/CR8	415x191x88mm 4.8kgs
SK2000-212	2000W	4000W	± 3%	2.64A	91%	10.5~15VDC	11VDC 15.3VDC	CR6/CR8	422x208x166mm 9.0kgs
SK2000-224	2000W	4000W	± 3%	1.32A	94%	21.0~30VDC	22VDC 30.6VDC	CR6/CR8	422x208x166mm 9.0kgs
SK2000-248	2000W	4000W	± 3%	0.65A	95%	42.0~60VDC	44VDC 61.2VDC	CR6/CR8	422x208x166mm 9.0kgs
SK3000-212	3000W	6000W	± 3%	2.8A	90%	10.5~15VDC	11VDC 15.3VDC	CR6/CR8	452x208x166mm 9.8kgs
SK3000-224	3000W	6000W	± 3%	1.5A	93%	21.0~30VDC	22VDC 30.6VDC	CR6/CR8	452x208x166mm 9.8kgs
SK3000-248	3000W	6000W	± 3%	0.7A	94%	42.0~60VDC	44VDC 61.2VDC	CR6/CR8	452x208x166mm 9.8kgs

# COTEK-Modified Sine Wave Inverters (MI-SERIES)

150-2000W



Model	RATED POWER	SURGE POWER	AC REGULATION	NO LOAD CURRENT DRAW	EFFICIENCY (Typical)	VOLTAGE RANGE	DIMENSION
							WEIGHT
MI 150-212/224	150W	300W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	170x90x62mm 0.9kg
MI 300-212/224	300W	600W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	170x90x62mm 1.2kg
MI 500-212/224	500W	1000W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	250x90x62mm 1.4kg
MI 600-212/224	600W	1200W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	250x90x62mm 1.5kg
MI 1000-212/224	1000W	2000W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	325x180x89mm 3.0kg
MI 2000-212/224	2000W	4000W	± 5%	0.3A	80%/85%	10.5~15VDC 22~30VDC	418x180x89mm 4.5kg

# CLAIRE SERIES-LINE INTERACTIVE TRUE SINEWAVE UPS - 750VA TO 3000VA

## FEATURES

- Provides line-Interactive design and true sinewave output
- Microprocessor control guarantees high reliability • High Frequency design
- Built-in Boost and Buck AVR to stabilize the voltage
- User replaceable hotswappable battery design & cold startup capability
- Enable to extend runtime with scalable external battery pack



(\* E.B.M - External Battery Management)

Model	CAPACITY	TRANSFER TIME	* E.B.M VOLTAGE	OPTION * E.B.M CHARGER	BATTERY PACK	BATTERY NUMBER	WEIGHT	DIMENSION
			DC CURRENT DRAWN					
CLAIRE 750	750VA/500W	2~4ms, 6ms max	N/A	N/A	6V/9Ah	3 pcs	8.3kg	386x325x44mm
CLAIRE 1000	1000VA/700W	2~4ms, 6ms max	N/A	N/A	12V/9Ah	2 pcs	9.6kg	382x235x86mm
CLAIRE 1500	1500VA/975W	2~4ms, 6ms max	48VDC	5A	12V/7Ah	4 pcs	6.5kg	217x86.5x400mm
CLAIRE 2000	2000VA/1300W	2~4ms, 6ms max	50A	5A	12V/9Ah	4 pcs	6.5kg	217x86.5x400mm
CLAIRE 3000	3000VA/2100W	2~4ms, 6ms max	48VDC	5A	12V/5Ah	8 pcs	35.8kg	438x86.2x572mm
			50A					
			96VDC					
			28A					

## FEATURES

- PWM Technology with IGBTs
- Microprocessor control guarantees high reliability
- Wide input voltage range
- External battery socket available for extended backup time
- Tower and 19" rackmount available
- Modular design available for Titan 1K/ 2K or 3K
- Transfer time: AC/DC = Zero: Inverter to bypass = 2.5ms



Model-Tower	CAPACITY	EFFICIENCY	EXT. BATTERY CHARGER	BATTERY VOLTAGE	BATTERY NUMBER	WEIGHT	DIMENSION-TOWER
Model-Rack							DIMENSION-RACK
TITAN-1KS	1000VA/700W	85%	7A	36VDC	3 pcs	7kg	400x145x220mm
TITAN-RM-1KS		83%					482.6x450x87mm
TITAN-2KS		85%					460x192x340mm
TITAN-RM-2KS	2000VA/1400W	83%	9.6A	96VDC	8 pcs	9.6kg	482.6x450x87mm
TITAN-3KS		88%					460x192x340mm
TITAN-RM-3KS	3000VA/2100W	83%	9.6A	96VDC	8 pcs	9.6kg	482.6x450x87mm
TITAN-6KS		88%					570x260x717
TITAN-RM-6KS		88%					600x482.6x132
TITAN-1OKS	10000VA/7000W	88%	4.2A	240VDC	20 pcs	38kg	570x260x717
N/A							N/A

# HOME UPS-SERIES 1200~8000VA

## Inverter + Battery Charger + Transfer Switch + Solar Power Input

### FEATURES

- Multi Microprocessor Control & Pure Sinwave Output for home appliances, air conditioners, water pumps, heating systems, consumer electronics and office equipment
- Super durable 2 stage charger for 100Ah, 200Ah, 300Ah, 400Ah or 600Ah respectively
- Intelligent Two-way dialogue interactive LCD control panel - Remote control up to 200 meters.
- Multiple Interface Options for a variety of solutions via RS232, RS485, USB, MODBUS AS400, Dry contact or SNMP card as an option.
- Cold Start - The Home UPS series can be activated from a battery without utility power present.
- Intelligent Fan Speed Control and detection - 4 Stage Fan speed control according to the load connection
- Emergency Lighting Device-Only 1ms time is required to start the home UPS.
- Integration with generator set is possible.
- Patented Non-twistable input wiring installation
- Optional Remote Control panel is available
- Input power factor correction.
- Intelligent DC Start-up and transfer capability to test for load short circuits, or high inrush current breaker tripping levels The unit will only transfer to AC if a healthy situation occurs.
- Voltage Configuration from the LCD panel provides the user with a convenient selection for meeting the requirements of critical loads or local utility condition.



Model	RATED POWER	BATTERY VOLTAGE	DIMENSION
			WEIGHT
HOME-UPS-1.2K	1.2KVA/800W	12VDC	440x132x292mm
HOME-UPS-2.4K	2.4KVA/1600W	24VDC	440x132x360mm
HOME-UPS-3.6K	3.6KVA/2400W	24VDC	440x132x360mm
HOME-UPS-5KVA-	5.0 KVA/4000W	24VDC	415x600x260mm
HOME-UPS-6KVA	6.0 KVA/.6000W	48VDC	415x600x260mm
HOME-UPS-8KVA	8.0 KVA	48VDC	

### INPUT

- 12, 24 AND 48VDC
- Wide input voltage window 60~135Vac / 120~270Vav
- Wide AC Frequency window 45Hz ~ 75Hz

### OUTPUT

- Voltage regulation(Batt. Mode) <3% RMS
- Frequency Regulation ± 0.1Hz at 50 or 60Hz

### BATTERY CHARGE

- > 60A ability with charger and solar panel combination

### DISPLAY LCD

- UPS Status, I/P & O/P Voltage Frequency
- Load percentage, Battery voltage percentage
- Temperature status



## AKOWA-Modified Sine Wave Inverters + Battery Charger

600-1700W



### A601 & 602 Series FEATURES

- Modified Sine wave output
- Soft Start
- Output Short: Shutdown / Auto resume after solving the short circuit (1K & 1K7 models) • Input reverse polarity: By Fuse
- High voltage Input: Shutdown • Low voltage Input: Shutdown
- Overload: Shutdown • Battery Low Alarm • Thermal Protect 60 ± 5°C
- Over Temperature: Shutdown After Buzzer Keep Sounding for one minute
- Intelligent Fan Control • Trouble Display: LED

Model	Rated power	Surge power	AC regulation	No load current draw	Efficiency (Typical)	Voltage Range	Battery Low alarm	Battery Charging Current	Dimension
							Battery Shutdown		Weight
A601-600-12	600W	1500W	± 5%	0.5A	85~90%	10.5~15VDC	10VDC ± 0.5V	3A	280x200x70mm
							9.5VDC ± 0.5V		3.7kgs
A602-600-24	600W	1500W	± 5%	0.35A	85~90%	20.0~30VDC	20VDC ± 0.8V	1.5A	280x200x70mm
							19.5VDC ± 0.8V		3.7kgs
A601-1000-12	1000W 1200W(30 min)	2400W	± 5%	0.4A	85~90%	10.5~15VDC	10VDC ± 0.5V	3.5A	380x210x85mm
							9.5VDC ± 0.5V		4.8kgs
A602-1000-24	1000W 1200W(30 min)	2400W	± 5%	0.2A	85~90%	20.0~30VDC	20VDC ± 0.8V	2A	380x210x85mm
							19.5VDC ± 0.8V		4.8kgs
A601-1700-12	1500W 1700W(30 min)	3000W	± 5%	0.6A	85~90%	10.5~15VDC	10VDC ± 0.5V	3.5A	550x210x85mm
							9.5VDC ± 0.5V		7.5kgs
A602-1700-24	1500W 1700W(30 min)	3000W	± 5%	0.28A	85~90%	20.0~30VDC	20VDC ± 0.8V	2A	550x210x85mm
							19.5VDC ± 0.8V		7.5kgs

## AKOWA-Modified Sine Wave Inverters

150-2500W



### A301 & 302 Series FEATURES

- Modified Sine wave output
- Soft Start
- Output Short: Shutdown / Auto resume after solving the short circuit (1K, 1K2, 1K7 and 2K5 models) • Input reverse polarity: By Fuse
- High voltage Input: Shutdown • Low voltage Input: Shutdown
- Overload: Shutdown • Battery Low Alarm • Thermal Protect 60 ± 5°C
- Over Temperature: Shutdown After Buzzer Keep Sounding for one minute

Model	Rated power	Surge power	AC regulation	No load current draw	Efficiency (Typical)	Voltage Range	Battery Low alarm	Dimension
							Battery Range Shutdown	Weight
A301-150-12	150W	300W	± 5%	0.2A	90%	10.5~15VDC	10VDC ± 0.5V	122x77x45mm
							9.5VDC ± 0.5V	0.45kg
A302-150-24	150W	300W	± 5%	0.2A	90%	20.0~30VDC	20VDC ± 0.8V	122x77x45mm
							19.5VDC ± 0.8V	0.45kg
A301-300-12	300W 350W(30 MIN)	600W	± 5%	0.36A	90%	10.5~15VDC	10VDC ± 0.5V	165x88x74mm
							9.5VDC ± 0.5V	0.9kg
A302-300-24	300W 350W(30 MIN)	600W	± 5%	0.2A	90%	20.0~30VDC	20VDC ± 0.8V	165x88x74mm
							19.5VDC ± 0.8V	0.9kg
A301-600-12	600W	1500W	± 5%	0.5A	85~90%	10.5~15VDC	10VDC ± 0.5V	213x200x70mm
							9.5VDC ± 0.5V	2kgs
A301-600-24	600W	1500W	± 5%	0.35A	85~90%	20.0~30VDC	20VDC ± 0.8V	213x200x70mm
							19.5VDC ± 0.8V	2kgs
A301-800-12	800W	2000W	± 5%	0.5A	85~90%	10.5~15VDC	10VDC ± 0.5V	280x200x70mm
							9.5VDC ± 0.5V	2.6kgs
A302-800-24	800W	2000W	± 5%	0.4A	85~90%	20.0~30VDC	20VDC ± 0.8V	280x200x70mm
							19.5VDC ± 0.8V	2.6kgs
A301-1000-12	1000W 1200W(30 MIN)	2400W	± 5%	0.4A	85~90%	10.5~15VDC	10VDC ± 0.5V	320x210x85mm
							9.5VDC ± 0.5V	3.3kgs
A302-1000-24	1000W 1200W(30 MIN)	2400W	± 5%	0.2A	85~90%	20.0~30VDC	20VDC ± 0.8V	320x210x85mm
							19.5VDC ± 0.8V	3.3kgs
A301-1200-12	1200W 1400W(30 MIN)	2400W	± 5%	0.4A	85~90%	10.5~15VDC	10VDC ± 0.5V	320x210x85mm
							9.5VDC ± 0.5V	3.3kgs
A302-1200-24	1200W 1400W(30 MIN)	2400W	± 5%	0.2A	85~90%	20.0~30VDC	20VDC ± 0.8V	320x210x85mm
							19.5VDC ± 0.8V	3.3kgs
A301-1700-12	1500W 1700W(30 MIN)	3000W	± 5%	0.6A	85~90%	10.5~15VDC	10VDC ± 0.5V	458x210x85mm
							9.5VDC ± 0.5V	5.5kgs
A302-1700-24	1500W 1700W(30 MIN)	3000W	± 5%	0.28A	85~90%	20.0~30VDC	20VDC ± 0.8V	458x210x85mm
							19.5VDC ± 0.8V	5.5kgs
A301-2500-12	2500W	5000W	± 5%	0.7A	85~90%	10.5~15VDC	10VDC ± 0.5V	430x210x159mm
							9.5VDC ± 0.5V	8.7kgs
A302-2500-24	2500W	5000W	± 5%	0.6A	85~90%	20.0~30VDC	20VDC ± 0.8V	430x210x159mm
							19.5VDC ± 0.8	8.7kgs

## KINGSON-Modified Sine Wave Inverters + Battery Charger

500-2500W



### KV-C Series FEATURES

- Modified Sine wave output
- Soft Start
- Output Short: Shutdown • Input reverse polarity: By Fuse
- High voltage Input: Shutdown • Low voltage Input: Shutdown
- Overload: Shutdown • Battery Low Alarm •
- Over Temperature: Shutdown
- Intelligent Fan Control

Model	Rated power	Surge power	Fuse	No load current draw	Efficiency (Typical)	Voltage Range	Battery Low alarm	Battery Charging Current	Dimension
							Battery Shutdown		Weight
KV-500C-12	500W	1000W	30A x 2	0.6A	90%	10.5~15VDC	10.4VDC ± 0.5V	10A	265x150x60mm
							9.6VDC ± 0.5V		1.1kgs
KV-500C-24	500W	1000W	30A x 2	0.6A	90%	20.0~30VDC	20.8VDC ± 0.8V	10A	265x150x60mm
							19.2VDC ± 0.8V		1.1kgs
KV-1000C-12	1000W	2000W	30A x 3	0.8A	90%	10.5~15VDC	10.4VDC ± 0.5V	10A	265x150x60mm
							9.6VDC ± 0.5V		2.4kg
KV-1000C-24	1000W	2000W	30A x 3	0.8A	90%	20.0~30VDC	20.8VDC ± 0.8V	10A	265x150x60mm
							19.2VDC ± 0.8V		2.4kg
KV-1200C-12	1200W	2400W	30A x 4	1A	90%	10.5~15VDC	10.4VDC ± 0.5V	10A	375x150x60mm
							9.6VDC ± 0.5V		2.4kgs
KV-1200C-24	1200W	2400W	30A x 4	1A	90%	20.0~30VDC	20.8VDC ± 0.8V	10A	375x150x60mm
							19.2VDC ± 0.8V		2.4kgs
KV-1800C-12	1800W	3600W	30A x 6	2A	90%	10.5~15VDC	10.4VDC ± 0.5V	10A	380x190x95mm
							9.6VDC ± 0.5V		4.2kg
KV-1800C-24	1800W	3600W	30A x 6	2A	90%	20.0~30VDC	20.8VDC ± 0.8V	10A	380x190x95mm
							19.2VDC ± 0.8V		4.2kg
KV-2500C-12	2500W	5000W	40A x 8	2A	90%	10.5~15VDC	10.4VDC ± 0.5V	10A	380x190x95mm
							9.6VDC ± 0.5V		7kg
KV-2500C-24	2500W	5000W	40A x 8	2A	90%	20.0~30VDC	20.8VDC ± 0.8V	10A	380x190x95mm
							19.2VDC ± 0.8V		7kg

## COTEK-Modified Sine Wave Inverters

150-2000W



### MI- Series FEATURES

- Modified Sine wave output
- Input & Output fully isolation design
- Loading controlled cooling fan
- Remote control
- LED Display Power and Failure Status
- SC/OV/UV/OT/OL Protections

Model	Rated Power	Surge Power	AC Regulation	No Load Current Draw	Efficiency (Typical)	Voltage Range	Dimension
							Weight
MI 150-212/224	150W	300W	± 5%	0.3A	80% / 85%	10.5~15VDC	170x 90x 62mm
							0.9kg
MI 300-212/224	300W	600W	± 5%	0.3A	80% / 85%	22~30VDC	170x 90x 62mm
							1.2kg
MI 500-212/224	500W	1000W	± 5%	0.3A	80% / 85%	22~30VDC	250x 90x 62mm
							1.4kg
MI 600-212/224	600W	1200W	± 5%	0.3A	80% / 85%	10.5~15VDC	250x 90x 62mm
							1.5kg
MI 1000-212/224	1000W	2000W	± 5%	0.3A	80% / 85%	22~30VDC	325x 180x 89mm
							3.0kg
MI 2000-212/224	2000W	4000W	± 5%	0.3A	80% / 85%	10.5~15VDC	418x 180x 89mm
							4.5kg

# CSB-General Purpose Batteries

## 4.5~100Ah

### GP Series

#### PERFORMANCE

- Multi-functional
- For both cycle and standby use
- Uniform plate formation for consistent capacities

Model	Nominal Voltage	Nominal Capacity (20hr/Ah)	Weight (Approx. kg)	Internal Resistance Approx. (mΩ)	Dimension			Max. Charging Current	Charging Voltage	
					Height (h) mm	Length (l) mm	Width (w) mm		Standby Use	Cycle Use
GP645	6	4.5	0.84	19.00	108	70	48	2.275V ± 0.025/Cell at 25°C	2.24V ± 0.05/Cell at 25°C	
GP672	6	7.2	1.27	13.50	100	151	34			
GP6120	6	12	1.94	7.50	100	151	50			
GP1222	12	2.2	0.90	63.00	66	178	34			
GP1245	12	4.5	1.66	40.50	108	92.8	69.9			
GP1272	12	7.2	2.55	21.00	100	151	65			
GP12120	12	12	3.84	14.00	100	151	98			
GP12170	12	17	5.85	14.50	167	181	76.2			
GP12200	12	20	6.40	13.00	167	181	76.2			
GP12260	12	26	9.18	9.40	125	166	175			
GP12340	12	34	11.33	8.00	178	195.6	130			
GP12400	12	40	14.50	8.70	170	197	165			
GP12650	12	65	21.50	8.00	174	394.4	166			
GP121000	12	100	35.00	6.00	174	511.8	175.2			



Model	Nominal Voltage	Nominal Capacity (20hr/Ah)	Weight (Approx. kg)	Reserve Capacity (Min)	Cold Cranking Amps @ -18°C	Dimension			Max. Charging Current
						Height (h) mm	Length (l) mm	Width (w) mm	
NS40	12	35	9.54		310	230	200	135	
NS60	12	45	11.52	75	325	230	240	135	
NS70	12	65	16.86	110	550	230	265	190	
1150K	12	105	24.78	180	625	240	335	175	
N120	12								
N150	12	150	41.50	300	900	230	510	220	
N200	12	200	55.70	430	1000	245	520	280	

Reserve capacity is the number of minutes a battery can maintain a useful voltage under a 25 ampere discharge.