

Solar Power Systems ANK-100W to 20000W Details

ANK Communication (Pvt) Limited

PSEC Company Registration No.0074547 NTN:3686618-7 PEC Reg:C-6/44865

ANK-100W Price= 10400

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-G12-R1-100 | |
| Capacity | 100W | |
| System voltage | 12VDC | |
| Best output power everyday | 160WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 0.46A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Pmax | 20W |
| | Vmp | 17.5V |
| | Imp | 1.14A |
| Charger | Charger voltage & current | 100W/12V |

| Load reference: | | | | |
|-----------------------------|---------------------|-------------|-----|-------------|
| BPS -100W solar home system | | | | |
| loads name | specification | load's watt | qty | working hrs |
| loads name | specification | load's watt | qty | working hrs |
| lighting | energy saving light | 25W | 3 | 6 |
| total | | 22W | | |



ANK-120W Price=12600

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-G12-R1-120 | |
| Capacity | 120W | |
| System voltage | 12VDC | |
| Best output power everyday | 320WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 0.55A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Pmax | 40W |
| | Vmp | 17.5V |
| | Imp | 2.28A |
| Charger | Charger voltage & current | 120W/12V |

| Load reference: | | | | |
|----------------------------|---------------------|-------------|-----|-------------|
| ANK-120W solar home system | | | | |
| loads name | specification | load's watt | qty | working hrs |
| loads name | specification | load's watt | qty | working hrs |
| lighting | energy saving light | 25W | 2 | 6 |
| Fan | small fan | 60W | 1 | 4 |
| total | | 62W | | |

ANK-150W Price=14800

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-G17R1-150 | |
| Capacity | 150W | |
| System voltage | 12VDC | |
| Best output power everyday | 400WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 1.82A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Pmax | 50W |
| | Vmp | 17.5V |
| | Imp | 2.86A |
| Charger | Charger voltage & current | 150W/12V |

| Load reference: | | | | |
|----------------------------|---------------------|-------------|-----|-------------|
| ANK-150W solar home system | | | | |
| loads name | specification | load's watt | qty | working hrs |
| loads name | specification | load's watt | qty | working hrs |
| lighting | energy saving light | 20W | 2 | 3/4 |
| Fan DC | saml fan | 20W | 1 | 3/4 |
| Color TV | 14 inch | 70W | 1 | 3/4 |
| total | | | | |

ANK-200W Price=20500

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-G38-R1-200 | |
| Capacity | 200W | |
| System voltage | 12VDC | |
| Best output power everyday | 600W | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 1.82A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Invert efficiency | >97% |
| | Pmax | 75W |
| | Vmp | 17.5V |
| Charger | Imp | 3.5A |
| | Charger voltage & current | 200W/12V |

| Load reference: | | | | | |
|----------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-200W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighting | energy saving light | 11 | 2 | 6 | 132Wh |
| Fan | samll fan | 20 | 1 | 6 | 120Wh |
| Color TV | 21 inch | 70 | 1 | 3/ | 280Wh |
| total | | 112W | | | 532Wh |



ANK-300W Price=25800

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-300W | |
| Capacity | 300W | |
| System voltage | 12VDC | |
| Best output power everyday | 800WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 1.82A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Invert efficiency | >97% |
| | Pmax | 100W |
| | Vmp | 17.5V |
| Charger | Imp | 5.71A |
| | Charger voltage & current | 300W 12V UPS8A |

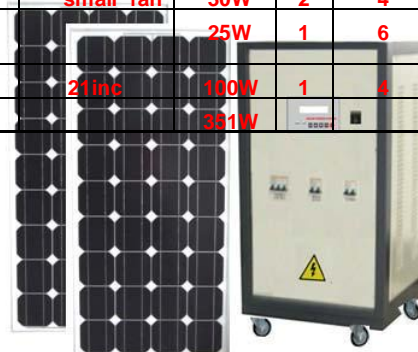
| Load reference: | | | | | |
|----------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-300W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| Lighting | energy saving light | 11W | 4 | 4 | 176W h |
| radi | | 3W | 1 | 6 | 18W h |
| Color TV | 21inc | 70W | 1 | 6 | 420W h |
| fan | small fan | 20W | 1 | 5 | 100W h |
| tota | | 137W | | | 714W h |



ANK-500W Price=48000

| Technical data: | | |
|----------------------------|-------------------------------|---------------------|
| Item No. | ANK-500W | |
| Capacity | 500W | |
| System voltage | 24VDC | |
| Best output power everyday | 1600WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 2.27A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| Solar panel | Invert efficiency | >97% |
| | Pmax | 100W *2pcs |
| | Vmp | 17.5V/35V |
| Charger | Imp | 11.42A/ 5.71A |
| | Charger voltage & current | 500W 12V/24V UPS10A |

| Load reference: | | | | | |
|---------------------|---------------|-------------|-----|-------------|-------------------|
| ANK-500W solar home | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighti | energv | 11W | 6 | 4 | 264W h |
| Computer | LCD | 100W | 1 | 5 | 500W h |
| Fa | small fan | 30W | 2 | 4 | 240W h |
| TV receiver /C | | 25W | 1 | 6 | 150W h |
| Color TV | 21inc | 100W | 1 | 4 | 400W h |
| tot | | 331W | | | 1554W h |



ANK-800W

Price=57000/-

| Technical data: | | |
|----------------------------|-------------------------------|---------------------|
| Item No. | ANK-800W | |
| Capacity | 800W | |
| System voltage | 24VDC | |
| Best output power everyday | 1600WH | |
| Inverter | Output wave | sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 3.64A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| | Solar panel | Pmax |
| Vmp | | 17.5V/35V |
| Imp | | 11.42A/ 5.71A |
| Charger | Charger voltage & current | 800W 12V/24V UPS12A |

| Load reference: | | | | | | |
|----------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| ANK-800W solar home system | | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| lighting | energy saving light | 11W | 6 | 4 | 264Wh | |
| Computer | LCD displays | 100W | 1 | 4 | 400Wh | |
| printer | jet | 30W | 1 | 1 | 30Wh | |
| fax machine | jet | 150W | 1 | 1 | 150Wh | |
| Fan | small fan | 30W | 2 | 4 | 240Wh | |
| satellite TV receiver /VCD | | 25W | 1 | 4 | 100Wh | |
| Color TV | 21inch | 70W | 1 | 4 | 280Wh | |
| water pump | | 100W | 1 | 0.5 | 50Wh | |
| total | | 710W | | | 1514Wh | |



ANK-1000W

Pak- Price=75000/- Price= 833\$

| Technical data: | | |
|----------------------------|-------------------------------|---------------------|
| Item No. | ANK-1000W | |
| Capacity | 1000W | |
| System voltage | 24VDC | |
| Best output power everyday | 3500WH | |
| Inverter | Output wave | Pure Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 4.55A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| | Solar panel | Pmax |
| Vmp | | 35V |
| Imp | | 5.71A |
| Charger | Charger voltage & current | 1000W 24V UPS20A |

| Load reference: | | | | | | |
|-----------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| ANK-1000W solar home system | | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| lighting | energy saving light | 11W | 4 | 6 | 264Wh | |
| Computer | LCD displays | 100W | 1 | 6 | 600Wh | |
| printer | jet | 100W | 1 | 0.5 | 50Wh | |
| fax machine | jet | 100W | 1 | 1 | 100Wh | |
| Fan | ceiling fan | 80W | 2 | 6 | 960Wh | |
| satellite TV receiver /VCD | | 25W | 1 | 6 | 150Wh | |
| Color TV | 29inch | 100W | 2 | 6 | 1200Wh | |
| water pump | | 100W | 1 | 1 | 100Wh | |
| total | | 829W | | | 3424Wh | |

ANK-2000W

Pak Price=111000/- Price= 1233\$

| Technical data: | | |
|----------------------------|-------------------------------|-------------------|
| Item No. | ANK-2000W | |
| Capacity | 2000W | |
| System voltage | 24VDC | |
| Best output power everyday | 5760WH | |
| Inverter | Output wave | Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 9.1A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| | Solar panel | Pmax |
| Vmp | | 35V |
| Imp | | 11.4A |
| Charger | Charger voltage & current | 2000W 24V UPS 35A |

| Load reference: | | | | | | |
|-----------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| ANK-2000W solar home system | | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| lighting | energy saving light | 11W | 6 | 6 | 396Wh | |
| Fan | ceiling fan | 80W | 2 | 6 | 960Wh | |
| Computer | LCD displays | 100W | 2 | 6 | 1200Wh | |
| printer | jet | 100W | 1 | 1 | 100Wh | |
| fax machine | jet | 150W | 1 | 1 | 150Wh | |
| refrigerator | 150L | 100W | 1 | 24 | 800Wh | |
| washing machine | | 300W | 1 | 0.5 | 150Wh | |
| satellite TV receiver /VCD | | 25W | 1 | 8 | 150Wh | |
| Color TV | 29inch | 100W | 2 | 6 | 1200Wh | |
| water pump | | 200W | 1 | 1 | 200Wh | |
| total | | 1501W | | | 5306Wh | |

ANK-3000W

Price=165000 Price= 1725\$

| Technical data: | | | Load reference: | | | | | | |
|----------------------------|-------------------------------|-----------------|-------------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| Item No. | ANK-3000W | | ANK-3000W solar home system | | | | | | |
| Capacity | 3000W | | loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| System voltage | 24VDC | | lighting | energy saving light | 11W | 8 | 6 | 528W h | |
| Best output power everyday | 7920WH | | Computer | LCD displays | 100W | 1 | 6 | 600W h | |
| Inverter | Output wave | Pure sine wave | printer | jet | 250W | 1 | 1 | 250W h | |
| | Output voltage | AC120V/220V | fax machine | jet | 150W | 1 | 1 | 150W h | |
| | Output frequency | 50HZ/60HZ | refrigerator | 150L | 100W | 1 | 24 | 800W h | |
| | Output current | 13.64A(220V) | Air conditioner | 1.5P匹 | 1200W | 1 | 6 | 3600Wh | |
| | Precision of output voltage | ±3% | washing machine | | 300W | 1 | 1 | 300Wh | |
| | Precision of output frequency | ±0.1% | satellite TV receiver AVCD | | 25W | 1 | 6 | 150W h | |
| | False output wave of AC | <3% | Color TV | 29inch | 100W | 2 | 6 | 1200Wh | |
| | Overload ability | 120%,30 seconds | water pump | | 200W | 1 | 1 | 200W h | |
| | Invert efficiency | >97% | total | | 2613W | | | 7778W h | |
| Solar panel | Pmax | 100W*6pcs | | | | | | | |
| | Vmp | 35V | | | | | | | |
| | Imp | 25A | | | | | | | |
| Charger | Charger voltage & current | 3000W24V UPS45A | | | | | | | |

ANK-4000W

Pak Price=209000/- Price= 2222\$

| Technical data: | | | Load reference: | | | | | | |
|----------------------------|-------------------------------|-----------------|-------------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| Item No. | ANK-4000W | | ANK-4000W solar home system | | | | | | |
| Capacity | 4000W | | loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| System voltage | 24VDC | | lighting | energy saving light | 11W | 8 | 6 | 528W h | |
| Best output power everyday | 9840WH | | Computer | LCD displays | 100W | 1 | 6 | 600W h | |
| Inverter | Output wave | Pure sine wave | printer | jet | 250W | 1 | 1 | 250W h | |
| | Output voltage | AC120V/220V | fax machine | jet | 150W | 1 | 1 | 150W h | |
| | Output frequency | 50HZ/60HZ | refrigerator | 150L | 100W | 1 | 24 | 800W h | |
| | Output current | 18.18A(220V) | Microwave | | 1000W | 1 | 0.5 | 500W h | |
| | Precision of output voltage | ±3% | Fan | ceiling fan | 80W | 2 | 6 | 960W h | |
| | Precision of output frequency | ±0.1% | Air conditioner | 1.5P匹 | 1200W | 1 | 6 | 3600Wh | |
| | False output wave of AC | <3% | satellite TV receiver AVCD | | 25W | 1 | 8 | 150W h | |
| | Overload ability | 120%,30 seconds | Color TV | 29inch | 100W | 2 | 8 | 1600Wh | |
| | Invert efficiency | >97% | water pump | | 200W | 1 | 1 | 200W h | |
| Solar panel | Pmax | 100W*6pcs | total | | 3473W | | | 9541W h | |
| | Vmp | 35V | | | | | | | |
| | Imp | 25A | | | | | | | |
| Charger | Charger voltage & current | 4000W24V UPS65A | | | | | | | |

ANK-5000W

Pak Price=232000 Price= 2578\$

| Technical data: | | | Load reference: | | | | | | |
|----------------------------|-------------------------------|-----------------|-------------------------------|---------------------|-------------|-----|-------------|-------------------|--|
| Item No. | ANK-5000W | | ANK-5000W solar home system | | | | | | |
| Capacity | 5000W | | loads name | specification | load's watt | qty | working hrs | Daily consumption | |
| System voltage | 48VDC | | lighting | energy saving light | 11W | 8 | 6 | 528W h | |
| Best output power everyday | 12480WH | | Fan | ceiling fan | 80W | 2 | 6 | 960W h | |
| Inverter | Output wave | Pure sine wave | Computer | LCD displays | 150W | 2 | 8 | 2400W h | |
| | Output voltage | AC120V/220V | printer | jet | 250W | 1 | 1 | 250W h | |
| | Output frequency | 50HZ/60HZ | fax machine | jet | 150W | 1 | 1 | 150W h | |
| | Output current | 22.23A(220V) | refrigerator | 200L | 120W | 1 | 24 | 1200Wh | |
| | Precision of output voltage | ±3% | washing machine | | 300W | 1 | 0.5 | 150W h | |
| | Precision of output frequency | ±0.1% | Microwave | | 1000W | 1 | 1 | 1000Wh | |
| | False output wave of AC | <3% | Air conditioner | 1.5P匹 | 1500W | 1 | 6 | 3600Wh | |
| | Overload ability | 120%,30 seconds | satellite TV receiver AVCD | | 25W | 1 | 8 | 150W h | |
| | Invert efficiency | >97% | Color TV | 29inch | 100W | 2 | 8 | 1600Wh | |
| Solar panel | Pmax | 100W*8pcs | water pump | | 200W | 1 | 1 | 200W h | |
| | Vmp | 72V | total | | 4213W | | | 12000Wh | |
| | Imp | 11.1A | | | | | | | |
| Charger | Charger voltage & current | 5000W48V UPS40A | | | | | | | |



ANK-6000W**Pak-Price=333000****Price= 9900\$**

| Technical data: | | |
|----------------------------|-------------------------------|-----------------|
| Item No. | ANK-6000W | |
| Capacity | 6000W | |
| System voltage | 48VDC | |
| Best output power everyday | 16800WH | |
| Inverter | Output wave | Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 27.27A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| Solar panel | Pmax | 100W*12pcs |
| | Vmp | 72V |
| | Imp | 16.7A |
| Charger | Charger voltage & current | 6000W48V UPS50A |

| Load reference: | | | | | |
|------------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-6000W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighting | energy saving light | 11W | 8 | 8 | 704Wh |
| Fan | ceiling fan | 80W | 2 | 8 | 960Wh |
| Computer | LCD displays | 200W | 2 | 8 | 3200Wh |
| printer | jet | 250W | 1 | 1 | 250Wh |
| fax machine | jet | 150W | 1 | 1 | 150Wh |
| refrigerator | 200L | 120W | 1 | 24 | 1200Wh |
| washing machine | | 300W | 1 | 1 | 300Wh |
| Microwave | | 1500W | 1 | 1 | 1500Wh |
| Air conditioner | 1.5P匹 | 1500W | 1 | 8 | 3600Wh |
| satellite TV receiver VCD | | 25W | 1 | 8 | 200Wh |
| Color TV | 32inch | 150W | 2 | 8 | 3200Wh |
| water pump | | 200W | 1 | 1 | 200Wh |
| total | | 5395W | | | 15464Wh |

ANK-10000W**Pak-Price=452000****Price= 14240\$**

| Technical data: | | |
|----------------------------|-------------------------------|------------------|
| Item No. | ANK-10000W | |
| Capacity | 10000W | |
| System voltage | 48VDC | |
| Best output power everyday | 26880WH | |
| Inverter | Output wave | Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 45.45A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| Solar panel | Pmax | 100W*16pcs |
| | Vmp | 72V |
| | Imp | 22.2A |
| Charger | Charger voltage & current | 10000W48V UPS90A |

| Load reference: | | | | | |
|------------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-10000W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighting | energy saving light | 11W | 8 | 8 | 704Wh |
| Fan | ceiling fan | 80W | 4 | 8 | 2560Wh |
| Computer | LCD displays | 200W | 2 | 8 | 3200Wh |
| printer | jet | 250W | 1 | 1 | 250Wh |
| fax machine | jet | 150W | 1 | 1 | 150Wh |
| refrigerator | 200L | 120W | 1 | 24 | 1200Wh |
| electric stove | | 1000W | 1 | 1 | 1000Wh |
| Rice cooker | | 1000W | 1 | 1 | 1000Wh |
| washing machine | | 300W | 1 | 1 | 300Wh |
| Microwave | | 1500W | 1 | 1 | 1500Wh |
| Air conditioner | 1.5P匹 | 1500W | 1 | 8 | 10000Wh |
| satellite TV receiver VCD | | 25W | 1 | 8 | 200Wh |
| Color TV | 32inch | 150W | 2 | 8 | 3200Wh |
| water pump | | 200W | 1 | 1 | 200Wh |
| total | | 8003W | | | 25464Wh |

ANK-15000W Price=1890000

| Technical data: | | |
|----------------------------|-------------------------------|--------------------|
| Item No. | ANK-15000W | |
| Capacity | 15000W | |
| System voltage | 48VDC | |
| Best output power everyday | 40320WH | |
| Inverter | Output wave | Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 68.18A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| Solar panel | Pmax | 100W*24pcs |
| | Vmp | 72V |
| | Imp | 33.3A |
| Charger | Charger voltage & current | 15000W 48V UPS135A |

| Load reference: | | | | | |
|------------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-15000W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighting | energy saving light | 11W | 8 | 8 | 704Wh |
| Fan | ceiling fan | 80W | 4 | 12 | 3840Wh |
| Computer | LCD displays | 200W | 2 | 12 | 4800Wh |
| printer | jet | 250W | 2 | 1 | 500Wh |
| fax machine | jet | 150W | 1 | 1 | 150Wh |
| refrigerator | 240L | 180W | 2 | 24 | 3000Wh |
| electric stove | | 1000W | 2 | 1 | 2000Wh |
| Rice cooker | | 1000W | 1 | 1 | 1000Wh |
| washing machine | | 300W | 1 | 1 | 300Wh |
| Microwave | | 1500W | 1 | 1 | 1500Wh |
| Air conditioner | 1.5P匹 | 1500W | 2 | 8 | 16000Wh |
| satelite TV receiver /VCD | | 50W | 2 | 12 | 1200Wh |
| Color TV | 32inch | 150W | 2 | 12 | 3600Wh |
| water pump | | 200W | 1 | 1 | 200Wh |
| total | | 10134W | | | 38794Wh |



ANK-20000W Price=2520000

| Technical data: | | |
|----------------------------|-------------------------------|-------------------|
| Item No. | ANK-20000W | |
| Capacity | 20000W | |
| System voltage | 48VDC | |
| Best output power everyday | 53760WH | |
| Inverter | Output wave | Pure sine wave |
| | Output voltage | AC120V/220V |
| | Output frequency | 50HZ/60HZ |
| | Output current | 90.91A(220V) |
| | Precision of output voltage | ±3% |
| | Precision of output frequency | ±0.1% |
| | False output wave of AC | <3% |
| | Overload ability | 120%,30 seconds |
| | Invert efficiency | >97% |
| Solar panel | Pmax | 100W*32pcs |
| | Vmp | 72V |
| | Imp | 33.3A |
| Charger | Charger voltage & current | 20000W48V UPS180A |

| Load reference: | | | | | |
|------------------------------|---------------------|-------------|-----|-------------|-------------------|
| ANK-20000W solar home system | | | | | |
| loads name | specification | load's watt | qty | working hrs | Daily consumption |
| lighting | energy saving light | 11W | 8 | 8 | 704Wh |
| Fan | ceiling fan | 80W | 4 | 12 | 3840Wh |
| Computer | LCD displays | 200W | 2 | 12 | 4800Wh |
| printer | jet | 250W | 1 | 2 | 1000Wh |
| fax machine | jet | 150W | 1 | 2 | 600Wh |
| refrigerator | 240L | 180W | 2 | 24 | 3000Wh |
| electric stove | | 1000W | 2 | 2 | 4000Wh |
| Rice cooker | | 1000W | 2 | 1 | 2000Wh |
| washing machine | | 300W | 2 | 1 | 600Wh |
| Microwave | | 1500W | 2 | 1 | 3000Wh |
| Air conditioner | 2P匹 | 2000W | 2 | 12 | 20000Wh |
| satelite TV receiver /VCD | | 50W | 4 | 12 | 2400Wh |
| Color TV | 32inch | 150W | 4 | 12 | 7200Wh |
| water pump | | 200W | 2 | 2 | 800Wh |
| total | | 17284W | | | 53644Wh |

Remark:

Solar Power Systems includes. Solar Panels. Solar Controller, Pure Sine Wave Inverter Plus AC back up charger and cables for panel.

System without battery as these may be better to purchase locally, since the battery is very bulky and weight for transport.

We can supply batteries upon request. The beauty of our system is you can upgrade if and when you need to increase your energy needs.

1.Warranty: 5 years for the total system excluding battery's. Solar Panels 25 years , 80% performance.

2.Order Payment:50% when order is placed, balance of 50% when order is ready to and clean on board Copy Bill of Lading is received.

3.Delivery lead time: 7/10 working days after receipt of first payment.

4.Price validity: 30 days.

system characteristic:

1. All Systems have LCD digital display which allows you to see the system working, (eg) Charge data, System voltage, Daily power consumption and temperature.

2. All type of ANK system both has **AC and DC output. Also have AC back up charger function.**

3. All system have inner charger and automatic switch , If mains power goes off the system will switch automatically over to battery power, When mains power resumes the system will switch back automatically. The battery's will resume recharging automatically.

4. All inverters are Pure Sine Wave inverters. This allows the use of Air Conditioners and refrigerators without any problem.

5.Each component has a single chip detector.

This protects the system from Overloads, Low Voltage and Under Voltage (alarm) Over Heating, Short circuit, Reverse Polarity.

6. Your system can be updated very easily. Just by adding extra components your system will increase power capacity.

7. Battery optional, you can purchase from us or locally. 8. Simple to install , just follow installation instructions.

9. Our System offers Cutting Edge Technology, State of the Art Quality with Greater Functionality than our competitors, at Competitive prices.

Amjad Ali

ANK Communication (Pvt) Limited

PSEC Company Registration No.0074547 NTN:3686618-7 PEC Reg:C-6/44865

Office: [Aram Bagh Link Road Abbottabad.](#)

Phone: **(0092)-(0992)-342678**

(0092)-(0992)-330050

(0092)-(0992)-330592

Cell No.+923145010501: +923439555544: Email:info@ankcpl.com : Website:http://www.ankcpl.com