



MACsun Solar Energy Technology Co.,Ltd

Add: Dalang Industrial Park, MinZhi, LongHua, Baoan, Shenzhen, China
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Solar Charge Controller use for solar electric systems


Protection Functions: Battery reverse polarity, solar module reverse polarity, load over-current and short circuit protection, battery open-circuit working protection


| item | Rate current | Rate voltage | Price (>100) | Price (>1000) | PHOTO |
|--|--------------|------------------------------|-----------------|------------------|---|
| MAC-SC12V003 | 3A | 6v or 12v | US\$7.1 | US\$6.9 |  |
| Product size: 5.5*3.6*2CM, G.W: 40g | | | | | |
| MAC-SC12V005 | 5A | 12V/24V auto. distinguish | US\$8.3 | US\$8.1 |  |
| MAC-SC12V010 | 10A | 12V/24V auto. distinguish | US\$8.3 | US\$8.1 | |
| Outer carton size: 45*29.5*45CM, 100pcs/ctn, N.W.:20KG, G.W.:22KG | | | | | |
| MAC-SC12V015 | 15A | 12V/24V auto. distinguish | US\$12 | US\$11.5 |  |
| MAC-SC12V020 | 20A | 12V/24V auto. distinguish | US\$14.5 | US\$14 | |
| Outer carton size: 56.2*35.5*31CM, 50pcs/ctn, N.W.:20KG, G.W.:21KG | | | | | |
| MAC-SC48V02 5D | 25A | 12V/24V auto. distinguish | US\$42 | US\$37 |  |
| Outer carton size: 40.8*35.3*31.8CM, 25pcs/ctn, N.W:15KG, G.W:16KG Product size: 16.4*11*5CM, G.W: 0.6KG | | | | | |
| MAC-SC12V030 D | 30A | 12V/24V auto. distinguish | US\$56 | US\$49 |  |
| MAC-SC48V020 | 20A | 48V | US\$79 | US\$72 | |
| MAC-SC48V030 | 30A | 48V | US\$96 | US\$85 | |
| Outer carton size: 41*52*20.5CM, 30pcs/ctn, N.W:10.5KG, G.W:11.5KG Product size: 19.5*9.8*6.2CM, G.W.: 500g | | | | | |
| MAC-SC12V040 D | 40A | 12V/24V auto. distinguish | Us\$75 | Us\$66 |  |
| MAC-SC12V045 D | 45A | 12V/24V auto. distinguish | Us\$78 | Us\$68 | |



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| | | | | | |
|---|-----|------------------------------|-----------------|-----------------|---|
| Outer carton size: 40.8*27.8*27.2 CM,12PCS/CTN, GW14KG/CTN | | | | |  |
| Product size: 18.4*12*7CM, GW: 1.1KG | | | | | |
| MAC-SC12V050 D | 50A | 12V/24V auto. distinguish | Us\$ 96 | Us\$ 85 | |
| MAC-SC48V50 A | 50A | 48V | Us\$ 139 | Us\$ 122 | |
| MAC-SC12V060 D | 60A | 12V/24V auto. distinguish | Us\$ 103 | Us\$ 90 | |
| MAC-SC48V60 A | 60A | 48V | Us\$ 145 | Us\$ 128 | |
| Outer carton size: 56*41.6*21CM, 24pcs/ctn, NW:10.5KG, GW:11.5KG | | | | | |
| Product size: 19.5*9.9*6CM, NW: 360g, GW: 500g | | | | | |

| | | | | | |
|--|-----|-----|--------|--------|---|
| MAC-SC12V012-MF Three-way controller,could be load 6V, 9V, 12V in same time | 12A | 6V | US\$19 | US\$18 |  |
| | | 9V | | | |
| | | 12V | | | |
| Outer Carton size: 38*31.5*25CM, 32pcs/ctn, N.W.:7.8KG, G.W.:10KG | | | | | |
| One unit N.W.: 199g, G.W.: 233g, Product size: 14*10.8*4.5CM | | | | | |

MPPT Technology Solar Charge Controller


Maximum Power Point Tracking (MPPT) photovoltaic (PV) battery charge controller, Through the use of MPPT technology, solar charger controller can increase charge current up to 30% or more compared to conventional controllers. Solar charger controller sophisticated three stage charge control system can be configured to optimize charge parameters to precise battery requirements, The unit is full protected against voltage transients, over temperature, over current, reverse battery and reverse PV connections. An automatic Current limit feature allows use of the full 40 amp capability without worrying about overload from excessive current, voltage or amp-hour based load control.

| | | | | | |
|----------------|-----|------------|-----------------|-----------------|---|
| MAC-SC-MPPT-10 | 10A | 12V or 24V | US\$ 60 | US\$ 57 |  |
| | | 48V | US\$ 100 | US\$ 95 | |
| MAC-SC-MPPT-20 | 20A | 12V or 24V | US\$ 145 | US\$ 142 |  |
| | | 48V | US\$ 169 | US\$ 161 | |



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|---|-------|------------|---------------------------|-----------------|---|
| MAC-SC-MPPT-30 | 30A | 12V or 24V | US\$ 170 | US\$ 162 | |
| MAC-SC-MPPT-05LT MPPT solar street lamp controller | 5A~8A | 12V or 24V | single-way US\$ 62 | |  |
| | | | two-way US\$ 64 | | |


solar garden lamp ,solar street lamp controller

light control,double-time control,waterproof

Protection Functions: Battery reverse polarity,solar module reverse polarity, load over-current and short circuit protection , battery open-circuit working protection

| item | Rate current | Rate voltage | Price (>100) | Price (>1000) | PHOTO |
|---|--------------|--------------------------------------|------------------|------------------|---|
| MAC-SC12V003 LT | 3A | Time control,Light control,6v or 12v | US\$ 7.1 | US\$ 6.9 |  |
| One unit G.W.:: 40g, Product size: 5.5*3.6*2CM | | | | | |
| MAC-SC12V005 LTD | 5A | 12V/24V auto. distinguish | US\$ 17.8 | US\$ 16.5 |  |
| MAC-SC12V010 LTD | 10A | 12V/24V auto. distinguish | US\$ 18.3 | US\$ 17 | |
| Outer Carton size: 36.5*35*35CMCM, 50pcs/ctn, N.W.:11.5KG, G.W.:12.5 | | | | | |
| One unit N.W.:: 212g, G.W.:: 235g, Product size: 14.3*8.3*5.4CM | | | | | |

Solar home controller, with remote meter

| item | Rate current | Rate voltage | Price (>100) | Price (>1000) | PHOTO |
|--------------|--------------|---------------------------|------------------|----------------|---|
| MAC-SC-SCM10 | 10A | 12V/24V auto. distinguish | US\$ 22.2 | US\$ 20 |  |



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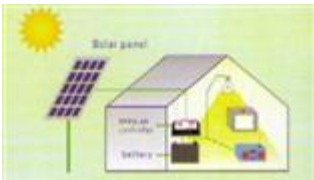




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|---|-----|------------------------------|------------------|------------------|--|
| MAC-SC-SCM2 0 | 20A | | US\$ 42.5 | US\$ 40 | |
|  <p>use for household</p> | | | US\$ 17 | US\$ 16 |  |
| MAC-SC-DBM1 0 | 10A | 12V/24V auto. distinguish | US\$ 26.4 | US\$ 25 |  |
| MAC-SC-DBM2 0 | 10A | 12V/24V auto. distinguish | US\$ 38.8 | US\$ 36.6 | |
|  <p>use for club car ,double-autonomous system design,could be charger for double-autonomous system at the same time.</p> | | | US\$ 28.1 | US\$ 26.5 |  |

Remark: All are FOB Shenzhen/Ningbo/Shanghai prices,

Delivery Time: 7days