



## Leading - edge Technology

- ▶ Charging lead-acid battery with solar power
- ▶ Dual MPPT design for more yields
- ▶ Extend charging power for SPF3000/3000plus/5000
- ▶ Max. add 2 solar chargers to one SPF inverter

## GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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## Datasheet

## Solar Charger 3500

### DC input

PV array MPPT voltage range	60-115VDC
Max. PV array open circuit voltage	145VDC
Number of MPP tracker/strings per tracker	2/1
Max. input power	1750W/1750W
Max. input current	29A/29A

### DC output

Battery voltage	48VDC
Max.Efficiency	98.0%
Max.Charging current	70A
Max.Charging current per tracker	35A
Battery type	Lead-acid
Charging method	Three stages:bulk,absorption,and floating

### Protection

Overcharge protection	yes
Over current protection	yes
Over temperature protection	yes

### General Data

Dimension ( D*W*H ) in mm	300*150*120
Weight	3.5kg
Operating temperature range	0°C ~ +55°C
Storage temperature range	-15°C ~ + 60°C
Warranty	3 years