

Flin 3KW Solar MPPT Charge Controller



- Intelligent Maximum Power Point Tracking technology increases efficiency 25%-30%
- Compatible for PV systems in 12V, 24V or 48V
- Three-stage charging optimizes battery performance
- Maximum charging current up to 60A
- Maximum efficiency up to 98%
- Battery temperature sensor (BTS) automatically provides temperature compensation
- Support wide range of lead-acid batteries including wet, AGM, and gel batteries
- Multifunction LCD displays detailed information

MODELS	3KW
PV INPUT	
MPPT Range	60 VDC ~ 115 VDC
Maximum PV Array Open Circuit Voltage	145VDC
Maximum PV Array Power	800W 1600W 3200W
Maximum Input Current	50 A
BATTERY	
Nominal Battery Voltage	12 V 24 V 48 V
Connected Battery Type	Sealed lead acid, AGM or Gel
Maximum Charging Current	60 A
Maximum Efficiency	98%
Charging Method	Three stages: bulk, absorption and floating
PHYSICAL	
Dimension, D X W X H (mm)	315 x 165 x 128
Net Weight (kgs)	4.5
Type of Mechanical Protection	IP 31
COMMUNICATION	
Standard	RS-232 and Dry contact
Optional	USB, Modbus and SNMP
ENVIRONMENT	
Humidity	5 ~ 95% RH (No condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice