

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