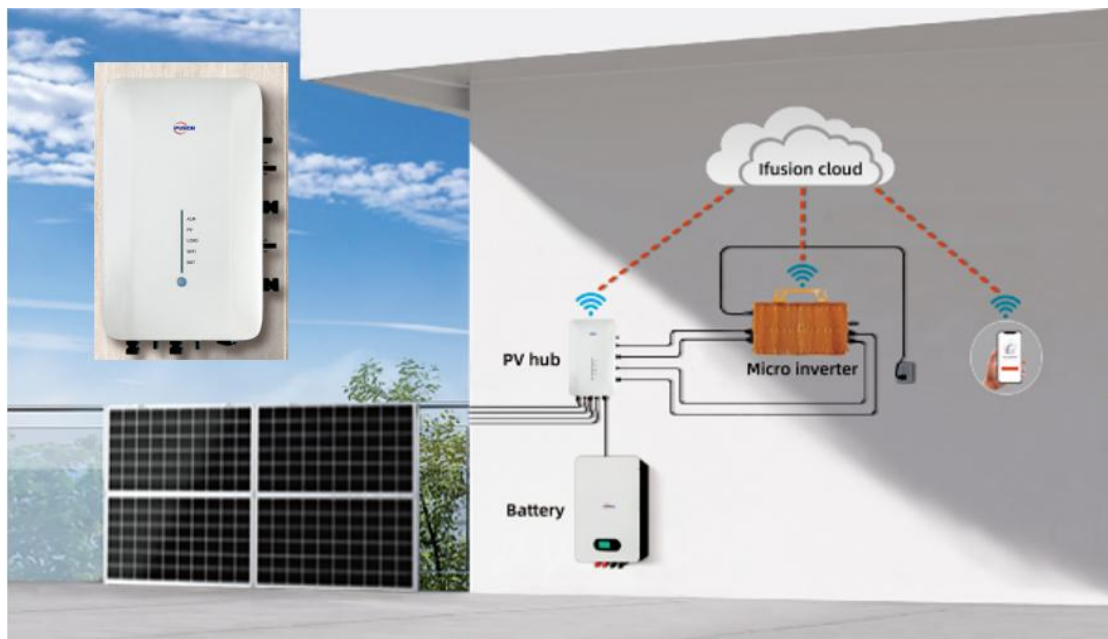


IFT CHD-1600



☑ Features and Description

- ✔ Intelligent Tracking&Efficient Conversion:The MPPT tracking accuracy up to 99%,with conversion efficiency reaching 98%.
- ✔ Efficient heat dissipation: Natural cooling, with built-in overheat and overcurrent protection function ensure safe and reliable operation.
- ✔ Flexible configuration: Charging parameters can be set according to the battery type, string count and output voltage range.
- ✔ High protection level: IP65
- ✔ Easy installation: Compact design for quick deployment.

Technical Specifications

Model	IFT CDH-1600	
PV input voltage range	12V-60V	
PV input power	800W×2 Max	
Output voltage range	18V-55V	
Input power	800W×2 Max	
Battery voltage range	40V-58.4V	
Peak efficiency	98%	
MPPT tracking accuracy	99%	
Battery short-circuit current	66A	
Maximum charging power	1600W Max	
EMC class	CLASS-B	
IP level	IP65	
Communication mode	RS485/CAN/WiFi	
Operating Temperature	-20°C-65°C	
Dimensions(H*W*H)	340×213×67mm	PCBA: 280×160×35mm
Net Weight(Kg)	3.2	PCBA: 0.59