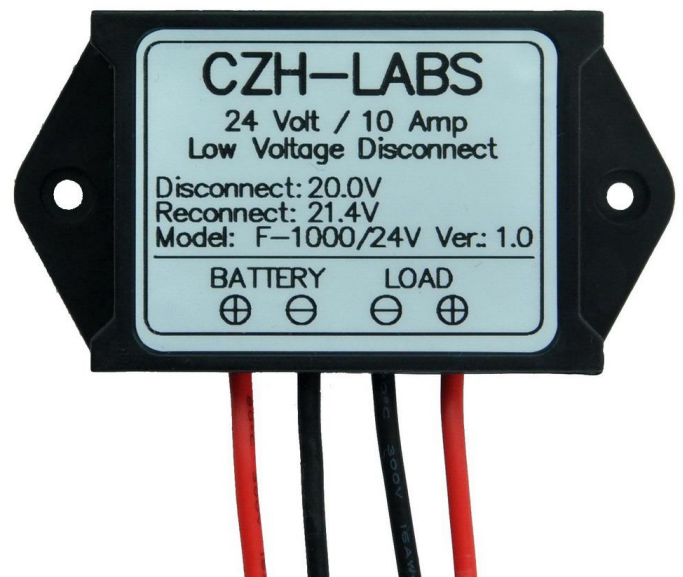


CZH-LABS

Electronics-Salon

Automatic Low Voltage Disconnect Module (LVD)

Model: F-1000 series



To protect electronics from damaging low voltages and prevent a deep discharge of a battery during an extended power outage, the LVD module will automatically disconnect the battery when the voltage falls below the cutoff voltage. When power is restored the Smart Switch will automatically reconnect the battery, thereby protecting the battery from total discharge (helping to prolong the life of the battery).

Applications include:

- Solar systems,
- Alarm systems,
- UPS systems,
- Mobile systems,
- Or any application where you need to protect the battery from total discharge.

Specifications:

	F-1000/12V	F-1000/24V
Suitable Battery	12V	24V
Rated current	10A	
Operating voltage	0 ~ 18 Vdc	0 ~ 32 Vdc
Quiescent current (in disconnect state)	< 2mA	
Quiescent current (in connected state)	< 50mA	< 25mA
Disconnect voltage	10.0V	20.0V
Reconnect voltage	10.7V	21.4V
Disconnect/Reconnect Voltage Tolerance	+/- 0.2Vdc (max.) Normal < 0.1 Vdc	+/- 0.4Vdc (max.) Normal < 0.2 Vdc
Wires	UL #1007 16AWG	

Note: Do not reverse connect battery polarity, as this may damage the module.

About customized version:

We can support customer customized order, if your order ≥ 100 units, you can modify disconnect voltage / reconnect voltage / product label / logo.

Dimensions:

