



EICU02

Engaging : Competent : User-friendly

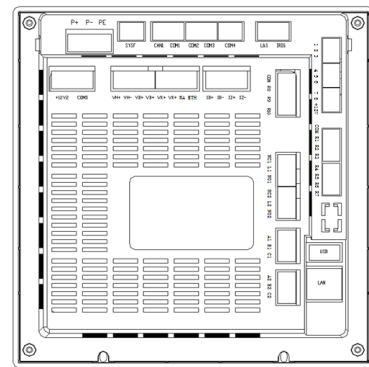
PRODUCT DESCRIPTION

EICU02 is an intelligent controller suitable for implementation in 80Vdc to 320Vdc power system solution. It offers system management function including data acquisition and processing, battery management as well as monitoring and control of the system solution.

The user-friendly EICU02 controller, coupled with its 7" touchscreen display and easy-to-use interface, is highly adaptable and is suitable for various industrial power applications.

KEY FEATURES

- Control and management for rectifier modules and peripheral devices
- Battery management function
- Site information management
- Touchscreen LCD
- Modbus TCP for remote monitoring



OPTIONAL FEATURES

- AC monitoring module (voltage, current frequency)
- Earth leakage module
- Extended battery monitoring module
- Extended I/O interface module
- Dropper diode module



TECHNICAL SPECIFICATIONS

MODEL		EICU02
Compatibility	EIPS 110Vdc/220Vdc Range of Rectifiers	
SPECIFICATIONS		
Input Voltage Range / Power	80Vdc to 320Vdc	
Display / User Interface	7" high-resolution TFT LCD display	
User Interface	Touchscreen	
Communication Interface	1xCAN port, 4xRS485 ports, 1xRS232 port, 2xUSB2.0 ports, 1xEthernet port	
Operating Temperature Range	-10 to +65°C	
Storage Temperature Range	-25 to +65°C	
Relative Humidity	Operating: 0%-95% non-condensing; Storage: 0%-99% non-condensing	
Weight	< 0.7kg	
Dimensions	177(W) x 177(H) x 82(D) mm	
SYSTEM INTERFACE		
3 x DC Voltage Sensing	8 x Digital Input	
2 x DC Current Sensing	7 x Dry Alarm Contacts	
1 x DC Bus to Earth Detection	1 x GPS Time Synchronisation	
AC input Sensing	Dropper Diode Control Sensor	
SYSTEM FEATURES		
AC monitoring and interlocking function	User configurable alarms and settings	
Visual and audible alarm	Optional interface modules	
Alarm Logs (100 current and 200 historical)	Optional configuration for connected devices	
BATTERY FEATURES (Battery Interface Module Option)		
Temperature compensated charging	High/low battery voltage	
Automatic float/boost charging	High/low battery temperature	
Automatic battery capacity test	Battery capacity prediction	
RECTIFIER FEATURES		
Individual rectifier information	Remote control including voltage adjustment	
Active current sharing	Power limit walk-in	
CONTROL and MONITORING		
Local management through 7" LCD TFT touchscreen display	Full monitoring and control functions can be accessed locally	
DESIGN STANDARDS (SAFETY)		
EN62368-1		
DESIGN STANDARDS (EMC)		
EN61000-6-4-2/-4/-5		
DESIGN STANDARDS (OTHERS)		
CE, RoHS compliant		

