30 kW AC-DC Power Converter System

Programmable for hydrogen electrolysis

DELTA

30 kW AC-DC Power Converter System

The converter is suitable for utility 3-ph hydrogen power systems to decrease unnecessary power conversion loss and directly provide DC power. Its output voltage and power limit are programmable to meet clients' needs.

Features:

- Conforms to CANbus / RS485 multi-communication standards for real-time remote control and monitoring
- 95% peak efficiency to reduce energy waste
- Customizable output voltage range from 150 to 200 V
- Vienna PFC and interleaved full bridge LLC
- Suitable for 3-phase hydrogen power system
- The aligned design of input and output connectors makes wiring easier

Application:

- Programmable for Hydrogen electrolysis

Item	Specifications
Rated Input	3Ø 380 to 480 V_{AC}
Rated Output	150 to 200 $V_{DC,}$ 200 A.Max
Peak Efficiency	95% peak
Operating Temperature	-40 °C to 70 °C (Derating >45°C)
IP Level	IP21
Cooling	Fan Forced
Communication	RS-485 or CANBus
Safety	IEC62477-1
EMC	EMI: IEC61000-6-3 EMS: IEC61000-6-1
Dimension (WxLxH)	435 x 620 x 130mm
Rated Power	30 kW.Max
Rated Current	150 A.Max
Isolated	Yes
Protection	OVP, OCP, OTP, SCP
Communication	CAN, RS-485

More Information

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