HYXiPOWER

V2G CHARGER

HYX-BCP30K/60K-1000

Intelligent

- Intelligent power distribution, air cooling temperature control
- Integrated panel, visual SOC
- Fast switching between charge and discharge, less than 10ms
- Automatic module addresses allocation

Safe

- With overload, short circuit, leakage protection and undervoltage protection functions
- With temperature and humidity, anti dumping, water detection and alarm function
- With smoke detection, passive fire protection function

Compatible

Floor Cabinet:
- 150V-950V wide range output, power coverage 60-120kW
- Support APP, scan QR code, swipe card and other startup modes
- Support Bluetooth, 4G wireless communication, etc

Wall mounted Cabinet:
- 200V-850V wide range output, power coverage 60-120kW
- Support APP, scan QR code, swipe card and other startup modes
- Support Bluetooth, 4G wireless communication, etc

Product Model	HYX-BCP30K-1000	HYX-BCP60K-1000
Appearance		
Charge Mode		
AC Voltage Range (V)	180 ~ 530	260 ~ 485
Frequency (Hz)	47 ~ 63	45 ~ 55
Rated Power (kW)	30	60
Output Voltage Range (V)	200 ~ 850 VDC	150 ~ 950 VDC
Constant Power Voltage Range (V)	450 ~ 825 VDC	300 ~ 950 VDC
Max. Output Current (A)	66.7	200
Grid Connection Mode		
DC Voltage Range (V)	300 ~ 825	200 ~ 950
Max. discharge Current (A)	66.7	200
Grid Voltage Range (V)	340 ~ 440	323 ~ 485
Frequency Range (Hz)	48 ~ 50.5	50 ± 10%
Total Harmonic Current Distortion (THDi)	≤ 5% (LOAD100%)	≤ 3% (LOAD100%)
Power Factor	≥ 0.99	≥ 0.99
Other Information		
EV Charger	Single	Double
EV Charger Length (m)	5m (from the EV Charger)	5m (from the EV Charger)
Max. Efficiency	≥ 94%	≥ 94.5%
Noise (dB)	≤ 65dB	
Interactive Display	Colour LCD_7 inch touch screen	
Charge Operation	Scan QR code, swipe card, plug and charge	
Opearation Indication	Standby, charge, discharge, malfunction	
Communication	Ethernet, 4G	
Cooling	Natural Convention	
Protection Degree	IP54	
BMS APS (V)	12	
Dimension (W*H*D) mm	660*900*199	720*1650*450
Oerating environment		
Operating Altitude (m)	≤ 2000	≤ 2000
Operating Temperature Range (°C)	-30 to +65, above 45 derated output	-25 to +70, above 55 derated output
Storage Temperature Range (°C)	-40 to +80	-40 to +75
Average Relative Operating Humidity (RH)	0 ~ 95% (non-condensing)	0 ~ 95% (non-condensing)

Optional: ☐Swipe card ☐24V BMS APS ☐4G wireless communication ☐ Bluetooth ☐ Environmental monitoring ☐ Voice broadcast ☐ Fire protection ☐ Touch screen

※ Design and specifications are subject to change without notice.

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