

30/40kW EV CHARGING POWER MODULE

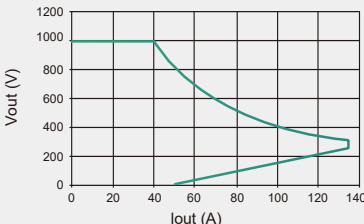
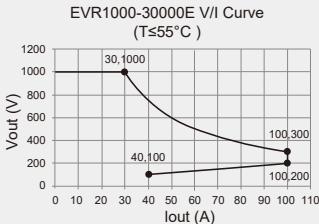


Highlights

-  Optimum power quality performance
-  Wide operating temperature range
-  Wide input voltage range
-  High Efficiency
-  Robust Protection



Technical Ratings

AC Input	40kW	30kW
Connection type	U/V/W+PE	
Input voltage - rated	400Vac	
Input voltage range	260~490Vac	270~520Vac
Input frequency	50Hz/60Hz	
Constant power	40kW	30kW
Max.power factor	≥0.99	
THDi	≤5%	
Max. efficiency	≥96.5%	
DC Output		
Output voltage range	200~1000Vdc	
Output current	≤133A, see U/I curve	≤100A, see U/I curve
Output current accuracy	≤±1.0%	
Output voltage accuracy	≤±0.5%	
Ambient Conditions		
Operating temp. range	-40~+55°C, w/o derating; +55~75°C, derating	
Operating humidity	0~95%	
Operating altitude	≤2000m	
Mechanical Data		
Dimension (W*D*H)	300*437.5*84mm Excluding handle	248*461.2*84mm Excluding handle
Degree of protection	IP20	
Cooling method	Forced air cooling	
Noise level	≤65dB	
Weight	17.5kg	15 kg
Standard and Compliance		
Communication	CAN 2.0	
Input circuit protection	Built-in SPD, Fuse, Varistor	
Output circuit protection	External fuse	
EMC	EN61000-6-1, EN61000-6-3, ClassB	
LVD	EN61851-1 EN61851-23	
Certification	CE by TÜV SÜD	
Output U/I curve		

* Specifications are subject to change without notice.
The final interpretation belongs to Shenzhen Increase International Co., Ltd.