

30/40kW EV CHARGING LIQUID COOLING POWER MODULE



Highlights

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



Technical Ratings

AC Input	40kW	30kW
Connection type	U/V/W+PE	
Input voltage - rated	400Vac/480Vac	
Input voltage	260~530Vac	
Input frequency	50Hz/60Hz	
Rated power	40kW	30kW
Input current	≤76A	≤63A
Power factor	≥0.99 Maximum value	
THDi	≤5%	
Max. efficiency	≥96.5%	≥94.5%
DC Output		
Output voltage range	200~1000Vdc	
Output current	≤133A	≤120A
Output current accuracy	≤±1.0%	
Output voltage accuracy	≤±0.5%	
Ambient Conditions		
Operating temp. range	-40~+55°C, w/o derating Stop operation at 75°C	
Operating humidity	0~95%	
Operating altitude	≤2000m	
Mechanical Data		
Dimension (W*D*H)	370*520*73mm	
Degree of protection	IP50	
Cooling method	Liquid cooling	
Coolant	50% glycol-water	
Flux	9~12L/min	
Pressure	≤0.5MPa	
Weight	27kg	
Communication and Protection		
Communication	CAN 2.0	
LED status indication	Run/Fault/Protection	
Input circuit protection	Built-in SPD, Fuse, Varistor	
Output circuit protection	External fuse	
Certification	CE	

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