

公司介绍

公司团队

企业荣誉

公司产品

企业客户

Heat pump (cooling + space heating) Controller--three phase

	6HP	8HP	10HP	12HP	15HP	20HP
Input voltage	Three Phase 380VAC	Three Phase 380VAC	Three Phase 380VAC	Three Phase 380VAC	Three Phase 380VAC	Three Phase 380VAC
Max power	6.5KW	8.5KW	10.5KW	13KW	16KW	21KW
Construction	Main control + driver all in one	Main control + driver all in one	Main control + driver all in one	Main control and driver separated	Main control and driver separated	Main control and driver separated
Compressor carrier frequency	5K	5K	5K	5K	5K	5K
Control method	Space vector algorithms	Space vector algorithms	Space vector algorithms	Space vector algorithms	Space vector algorithms	Space vector algorithms
PFC Carrier frequency	Passive solutions	Passive solutions	Passive solutions	Passive solutions	Passive solutions	Passive solutions
Relay	8	8	8	9	9	9
EEV	5	5	5	4	4	4
Temperature Sensors	10	10	10	10	10	10
Switching input	4	4	4	6	6	6
BLDC fan	2	2	2	2	2	2
RS485	2	2	2	3	3	3

1. 6HP to 12HP: IDU/ODU controller all in one designing, cost reducing with wire simplifying. 15-25 HP: separated design, to reduce maintenance costs;

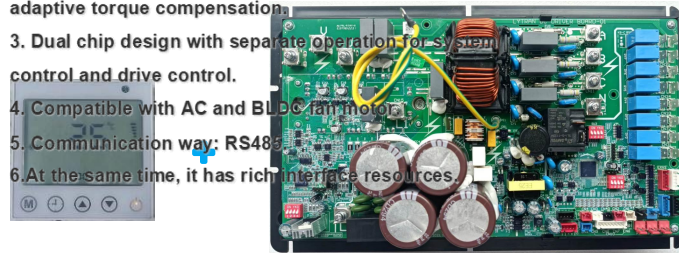
2. 180° sine wave space vector algorithm drive technology, adaptive torque compensation;

3. Dual chip design with separate operation for system control and drive control.

4. Compatible with AC and BLDC fan motor;

5. Communication way: RS485;

6. At the same time, it has rich interface resources.



Main control and driver Integration



Main control and driver split

