EHBH-CBV

* Electrical meter specification

- Pulse meter type/voltage-free contact for 5 V DC detection by PCB.
- Possible number of pulses
  - 0.1 pulse/kWh
  - 1 pulse/kWh
  - 10 pulse/kWh
  - 100 pulse/kWh
  - 1000 pulse/kWh
- Pulse duration
  - minimum On time: 40ms
  - Minimum OFF time: 100ms
- Measurement type (depending on installation)
  - Single-phase AC meter
  - Three-phase AC meter
    - Balanced loads
  - Three-phase AC meter
    - Unbalanced loads

* Electrical meter installation guideline

-

It is the responsibility of the installer to cover the complete power consumption with electrical meters (combination of estimation and metering is not allowed).

- Required number of electrical meters

Backup heater:

Outdoor unit type		*RLQ(04/06/08)*						*R*Q(011/014/016)*V3							*R*Q(011/014/016)*W1							
Indoor unit type		*H(B/V)(H/X)(04/08)C*						*H(B/V)(H/X)(11/16)C*							*H(B/V)(H/X)(11/16)C*							
	Backup heater type	3V / 9W	6W			9W		3V / 9W	6W			9W		9W	3V / 9W	6W			9W		9W	
	Backup heater power supply	1~ 230V	1~ 230V	3~ 400V	3~ 230V	3~ 400V	3~ 230V	1~ 230V	1~ 230V	3~ 400V	3~ 230V	3~ 400V	3~ 230V		1~ 230V	1~ 230V	3~ 400V	3~ 230V	3~ 400V	3~ 230V		
	Backup heater configuration	3 / 6 3 / 6 kW	3 / 6 kW	6 kW	6 kW	6 / 9 kW	6 kW	3 / 6 kW	3 / 6 kW	6 kW	6 kW	6 / 9 kW	6 kW		3 / 6 kW	3 / 6 kW	6 kW	6 kW	6 / 9 kW	6 kW		
		Normal kWh rate power supply																				
Electrical meter type	1~	1	1	1	-	1	-	-	1	1	1	-	1	-	-	1	-	1	-	1	-	1	-	-
	3~ balanced	-	-	1	-	1	-	-	-	-	1	-	1	-	-	1	-	1	-	1	-	1	-	-
	3~ unbalanced	-	-	-	1	-	1	1	-	-	-	1	-	1	1	-	1	-	1	-	1	-	1	1
		Preferential kWh rate power supply																				
Electrical meter type	1~	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	-	-	-	-	-
	3~ balanced	-	-	-	-	-	-	-	-	-	-	-	-		1	1	1	1	1	1		1
	3~ unbalanced	-	-	1	1	1	1	-	-	1	1	1	1		-	-	-	1	1	1		1

Immersion heater (no backup heater):

Outdoor unit type		ERLQ(04/06/08)*	ER*Q(011/014/016)*V3	ER*Q(011/014/016)*W1	
Indoor unit type		EH(B/V)H(04/08)CBV	EH(B/V)H(11/16)CBV	EH(B/V)H(11/16)CBV	
	Backup heater type	- (·V·) (no backup heater ; 2,4 kW immersion heater)			
	Immersion heater power supply	1~ 230V			
		Normal kWh rate power supply			
Electrical meter type	1~	1	1	1	-
	3~ balanced	-	-	1	-
	3~ unbalanced	-	-	-	1
		Preferential kWh rate power supply			
Electrical meter type	1~	2	2	1	
	3~ balanced	-	-	1	
	3~ unbalanced	-	-	-	