BTMS PRODUCT RANGE | 17 MODEL CONFIGURATIONS

SPEC.	BTMS050-CVA00	BTMS050-CVA10	BTMS080-CVV09	BTMS080-CVA70	BTMS100-CVA10	BTMS130-CVA00	BTMS080-CSA00	KEV0080-LHAV02	BTMS100-CVB07	BTMS130-CVB05	BTMS130-CVC01	BTMS080-CVB60	BTMS080-CVB50	BTMS100-CVB10	BTMS130-CVB03	KEV0130-LHAC01	KEV0130-LHAC03
Refrigeration Capacity	5kW	5kW	8kW	8kW	10kW	13kW	8kW	8kW	10kW	13kW	13kW	8kW	8kW	10kW	13kW	13kW	13kW
Heat Capacity	-	-	-	-	-	-	2kW	24kW	24kW	28kW	28kW	18kW	24kW	24kW	24kW	24kW	24kW
Operating Ambient Temperature	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-15~ + 60℃	-30~ + 60℃	-30~ + 60℃	-30~ + 60℃	-30~ + 60℃	-30~ + 60℃	-30~ + 60℃
COP	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0	＞2.0
Refrigerant Type (Amount)	R134a/500g	R134a/450g	R134a/600g	R134a/800g	R134a/650g	R134a/1000g	R134a/750g	R134a/700g	R134a/800g	R134a/1200g	R134a/1700g	R134a/650g	R134a/650g	R134a/650g	R134a/1000g	R134a/800g	R134a/800g
High Voltage	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	400-800VDC	500-1000VDC	500-1000VDC
Low Voltage	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)	24VDC (9-32VDC)
DC/DC	800W	800W	800W	800W	1000W	1500W	800W	800W	/	1300W	1500W	1000W	1000W	1000W	1500W	/	1500W
Coolant	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution	50%/50% Ethylene Glycol/Water Solution
Rate of Flow	32L/min@85kPa	32L/min@85kPa	32L/min@200kPa	32L/min@200kPa	32L/min@200kPa	50L/min@175kPa	40L/min@170kPa	40L/min@200kPa	50L/min@175kPa	50L/min@175kPa	50L/min@175kPa	40L/min@170kPa	40L/min@170kPa	40L/min@170kPa	50L/min@175kPa	50L/min@175kPa	50L/min@175kPa
Communication Mode	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0	CAN2.0
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Noise	<75dB(A)	<75dB(A)	<75dB(A)	<75dB(A)	<80dB(A)	<80dB(A)	<75dB(A)	<80dB(A)	<85dB(A)	<80dB(A)	<80dB(A)	<80dB(A)	<80dB(A)	<80dB(A)	<80dB(A)	<85dB(A)	<85dB(A)
Dimensions	L680×W597×H291 mm	L500×W514×H445 mm	L859×W580×H291 mm	L500×W320×H720 mm	L884×W580×H291 mm	L1140×W700×H3 50 mm	L900×W320×H10 15 mm	L859×W580×H291 mm	L900×W710×H220mm	L820×W720×H250 mm	/	L880×W350×H70 0 mm	L978×W603×H291 mm	L978×W603×H291 mm	L1249×W650×H2 89 mm	L1136×W767×H3 59 mm	L1136×W767×H3 59 mm
Weight	<46kg	<45kg	<50kg	<55kg	<55kg	<90kg	<70kg	<65kg	<75kg	<80kg	/	<76kg	<70kg	<70kg	<105kg	<100kg	<100kg
Inlet/Outlet pipe	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25	CQC20*2	Ø20*2	Ø32.5*2	Ø25	Ø25	Ø25	Ø25	Ø25	Ø25
Expansion Tank	2.6L	2.6L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L	4.0L