Subtype XDASH20D series

Certificate Holder	Guangdong Exinda Technology Co, Ltd
Address	Plot 04-10,04-11, Butterfly Ridge Industrial Zone, Xiantang Town, Dongyuan County, Heyuan City
ZIP	
City	Guangdong
Country	CN
Certification Body	BRE Global Limited
Subtype title	XDASH20D series
Registration number	041-K114-05
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.5 kg
Certification Date	07.09.2025
Testing basis	Heat Pump Keymark Scheme Rules v15
Testing laboratory	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch, CN

Model XDASH20D3A	
Model name	XDASH20D3A
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	3x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	17.20 kW	17.20 kW
El input	3.91 kW	5.93 kW
COP	4.40	2.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	66 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	190 %	145 %
Prated	17.20 kW	17.20 kW
SCOP	4.83	3.70
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	15.30 kW	15.30 kW
COP Tj = -7°C	2.80	2.10
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	9.60 kW	9.60 kW
COP Tj = +2°C	4.90	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.20 kW	6.40 kW

COP Tj = +7°C	6.90	5.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	4.70 kW	6.10 kW
COP Tj = 12°C	10.00	7.90
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	15.30 kW	15.30 kW
COP Tj = Tbiv	2.80	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.30 kW	14.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	14 W	14 W
PSB	14 W	14 W
PCK	45 W	65 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	7448 kWh	9666 kWh

Model XDASH20D3B		
Model name	XDASH20D3B	
Application	Heating (medium temp)	
Units	Outdoor	
Climate zone (for heating)	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	
General data		
Power supply	3x230V 50Hz	
Off-peak product	n/a	
Outdoor Air/Water		
EN 14511-4 | Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	
EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	17.20 kW	17.20 kW
El input	3.91 kW	5.93 kW
COP	4.40	2.90
EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	66 dB(A)
EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	190 %	145 %
Prated	17.20 kW	17.20 kW
SCOP	4.83	3.70
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	15.30 kW	15.30 kW
COP Tj = -7°C	2.80	2.10
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	9.60 kW	9.60 kW
COP Tj = +2°C	4.90	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.20 kW	6.40 kW

COP Tj = +7°C	6.90	5.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	4.70 kW	6.10 kW
COP Tj = 12°C	10.00	7.90
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	15.30 kW	15.30 kW
COP Tj = Tbiv	2.80	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.30 kW	14.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	14 W	14 W
PSB	14 W	14 W
PCK	45 W	65 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	7448 kWh	9666 kWh

Model XDASH20D3C

Model name	XDASH20D3C
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	17.20 kW	17.20 kW
El input	3.91 kW	5.93 kW
COP	4.40	2.90

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	66 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	190 %	145 %
Prated	17.20 kW	17.20 kW
SCOP	4.83	3.70
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	15.30 kW	15.30 kW
COP Tj = -7°C	2.80	2.10
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	9.60 kW	9.60 kW
COP Tj = +2°C	4.90	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.20 kW	6.40 kW

COP Tj = +7°C	6.90	5.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	4.70 kW	6.10 kW
COP Tj = 12°C	10.00	7.90
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	15.30 kW	15.30 kW
COP Tj = Tbiv	2.80	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.30 kW	14.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	14 W	14 W
PSB	14 W	14 W
PCK	45 W	65 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	7448 kWh	9666 kWh

Model XDASH20D3A-S		
Model name	XDASH20D3A-S	
Application	Heating (medium temp)	
Units	Outdoor	
Climate zone (for heating)	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	
Any additional heat sources	n/a	

General data		
Power supply	3x230V 50Hz	
Off-peak product	n/a	

Outdoor Air/Water		
EN 14511-4 | Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	17.20 kW	17.20 kW
El input	3.91 kW	5.93 kW
COP	4.40	2.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	66 dB(A)

EN 14825 | Average Climate		
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Pdh Tj = -7°C	15.30 kW	15.30 kW
COP Tj = -7°C	2.80	2.10
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	9.60 kW	9.60 kW
COP Tj = +2°C	4.90	3.70
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	6.20 kW	6.40 kW

COP Tj = +7°C	6.90	5.30
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	4.70 kW	6.10 kW
COP Tj = 12°C	10.00	7.90
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	15.30 kW	15.30 kW
COP Tj = Tbiv	2.80	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.30 kW	14.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	14 W	14 W
PTO	14 W	14 W
PSB	14 W	14 W
PCK	45 W	65 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	3.10 kW
Annual energy consumption Qhe	7448 kWh	9666 kWh