

A large white offshore wind turbine with three blades, mounted on a yellow jacket structure, stands in the ocean under a clear blue sky.

风力和可再生能源加热器 Heaters for Windpower & Renewable Energy

陆上解决方案: Solutions for onshore:

变桨控制柜加热器
Pitch Control Cabinet Heater

主控制柜加热器
Main Control Cabinet Heater

加热器控制
Heater Controls

海上, 高空和寒冷环境的解决方案: Solutions for offshore, high & cold environments:

IP65加热器
IP65 Heaters

加热器控制
Heater Controls

温湿度传感器
Temperature & Humidity Transducers

DBK helps keep you generating



Typhoon Pro

额定输入电压 Voltage	220-240VAC
额定输出功率 Power	400W / 800W
风扇体积流量 CFM	33 / 60
元件 Element	Nova
连接方式 Connector	Adels 3P
电气保护等级 Protection Class	SKII
外壳防护等级 IP	65
安装方式 Mounting	35mm DIN and 4xM5 (tilt feature)
尺寸 Dimensions mm	117 x 83 x 70 (excluding bracket)



Typhoon 60

额定输入电压 Voltage	220-240VAC
额定输出功率 Power	400W
风扇体积流量 CFM	18
元件 Element	HRK
连接方式 Connector	Adels 3P
电气保护等级 Protection Class	SKII
外壳防护等级 IP	20 (optional IP65 fan)
安装方式 Mounting	35mm DIN or bracket 2xM6
尺寸 Dimensions mm	93 x 63 x 90 (excluding bracket)



Typhoon 40

额定输入电压 Voltage	220-240VAC (24 VDC fan)
额定输出功率 Power	350W
风扇体积流量 CFM	14
元件 Element	HRK
连接方式 Connector	Wago 4P
电气保护等级 Protection Class	SKII
外壳防护等级 IP	20
安装方式 Mounting	35mm DIN or bracket 2xM5
尺寸 Dimensions mm	93 x 70 x 52

强制对流加热器。（使用温度自我限制的PTC元件）

Forced Convection Enclosure Heaters. (Using temperature self limiting PTC elements)

Typhoon Pro - 应用于海上风力发电设施, 是增强版的台风加热器。配备IP额定风扇和一款新开发的加热元件, 是特别设计于海上设施使用。该设计提供了集中的气流, 能够将热空气循环至机柜的每一个角落。带有下倾斜支架 / 连同 35mm 标准导轨安装。是在尺寸和功能同类产品比较下为最佳的。

Typhoon Pro - Enhanced Typhoon Heater for offshore wind power applications. Features an IP rated fan and a newly developed heating element, designed especially for offshore use. The design provides a focused airflow, circulating warm air into all corners of an enclosure. Comes with a tilt down bracket / combination 35mm DIN clip. Best in class for size and power.

Typhoon 60 - 一款 60mm 的高性能加热器。现在这款加热器可以选配和符合IP防护的风扇用于海上设施上。可以按照要求而升级使用较高转速的风扇。

Typhoon 60 - The first and still the best 60mm enclosure heater on the market. The heater can now be equipped optionally with an IP rated fan for offshore use. Can be upgraded with higher CFM fan where required.

Typhoon 40 - 具有AC元件和DC风扇 (风扇和元件分开的连接) 的非常精细, 轻巧的解决方案, 适合在没有特别保护措施而又狭窄空间环境下安装使用。

Typhoon 40 - A very compact and lightweight solution featuring AC element and DC fan (separate fan and element connections) Fits in tight spaces without compromising protection for the enclosure.



DBK expert solutions every step of the way



XFlow

额定输入电压 Voltage	48VDC / 110VAC / 220-240VAC
额定输出功率 Power	400W / 600W / 800W
风扇体积流量 CFM	30
元件 Element	HRK
连接方式 Connector	Adels 3P
电气保护等级 Protection Class	SKI
外壳防护等级 IP	20
安装方式 Mounting	35mm DIN and 4xM4
尺寸 Dimensions mm	194 x 134 x 37



Canyon

额定输入电压 Voltage	48VDC / 110VDC / 220-240VAC
额定输出功率 Power	100W / 150W / 200W
元件 Element	HPG
连接方式 Connector	Adels 2P
电气保护等级 Protection Class	SKII
外壳防护等级 IP	65
安装方式 Mounting	4XM6 hole
尺寸 Dimensions mm	210 x 83 x 60 (incl. mounting)

Heater Controls and Transducers



XFlow 离心式风扇加热器，配有大型静音叶轮提供高转速效果。坚固而耐用的外壳使其成为一般性用途的坚固选择。是一个具有成本效益和高功率的产品。

XFlow - Centrifugal Fan Heater, featuring a large quiet impeller providing high CFM. A robust heavy duty housing makes this a rugged option for general purpose use. Cost effective and high power.

自然对流加热器。(使用温度自我限制PTC元素)

Natural Convection Enclosure Heaters. (Using temperature self limiting PTC elements)

Canyon - 大功率自然对流加热器。该加热器的设计具有极高的长期可靠性(没有活动部件)。表面温度冷冻, 因此适合在人员可接触到的地方使用(触摸安全)。与暴雪和Nimbus NG自然对流加热系列设备, 完善了我们的产品线。

Canyon - A high power natural convection heater. This heater is designed for extreme long term reliability (having no moving parts). The surface temperature is cool making this suitable for use where personnel may have access (touch safe). Blizzard & Nimbus NG natural convection heaters complete our line up.

加热器控制和传感器 - DBK提供了一系列与我们的加热元件无缝配合的控件器。例如, 我们的精准型机械湿控器RFHSS。还有我们的传感器系列提供IP额定温度和湿度感测, 专门用于风力发电应用。

Heater Controls and Transducers - DBK offers a range of controls designed to work seamlessly with our heating elements. For example our compact mechanical hygrostat RFHSS. Our transducer range offers IP rated temperature and humidity sensing specifically for wind power application.



DBK工业热管理的其他产品包括：
Other Products from DBK Industrial Thermal Management include:

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Cabinet Heaters

温控器
Thermostats

湿控器
Hygrostats

其他控制器
Other controls

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Humidity and Temperature Transducers

流体加热器
Fluid Heaters

制动电阻
Break Resistors



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建筑气候加热器
Building Climate Heaters

风电加热器
Windpower Heaters

建筑修复设备
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我们在香港, 上海和重庆有办事处和研发中心, 可随时准备为您提供从产品规格, 工程服务到供应链和产品支持的每一个步骤的协助。

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DBK has the speed and experience to solve engineering challenges, delivering on time, on budget, and on track.

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