

## FD006 Pitch Driver

- As a pitch driver specialized for pitch system of wind turbine, FD006 series pitch driver's power ratings are suitable for wind turbines with hub diameters ranging from 70 meters to 171 meters.
- FD006 series pitch driver can adapt to the harsh operational environment of all wind farms.
- The pitch driver's mounting dimensions and hardware interface are consistent with those of pitch driver of wind turbine.
- On the basis of deeply researching on the pitch system of wind turbine, the software system not only can satisfy the requirements of wind turbine, but also has the function of secondary development for user convenient.



### ◇ Key Features

- ▶ Each DO have independent short-circuit protection, and output current is upto 3A.
- ▶ High reliability of the charging module due to specialized inductors.
- ▶ Software with power optimization control function, can customization according to requirements.
- ▶ Hardware with more reliable IGBT short-circuit protection circuits in design.
- ▶ Sensorless feathering include.

### ◇ Technical Data

Input Voltage Range	320 ~ 525Vac
Mains Frequency	47 ~ 62Hz
Output Power (Rated)	22kW
Output Current (Rated)	52A
Output Voltage (Range)	0 ~ 528V
Output Frequency	0 ~ 200Hz
Over Load Current	150A 3s
Emergency Power Supply	150 ~ 528Vdc
Charging Voltage	0 ~ 480Vdc
Max. Charging Current	5A
Motor Type	PMSM



# Pitch Driver



Fieldbus Interface	CANopen/RS485
Encoder Interfaces	Resolver/SSI
Temperature Sensor Interface	KTY/PTC (external, option)
Brake Control	24Vdc/5A
Braking Resistor	12Ω, 800W (Integrated)
Operating Temperature	-40°C to +60°C
Storage Temperature	-40°C to +70°C
Weight	19kg
Size	400mm × 270mm × 320mm