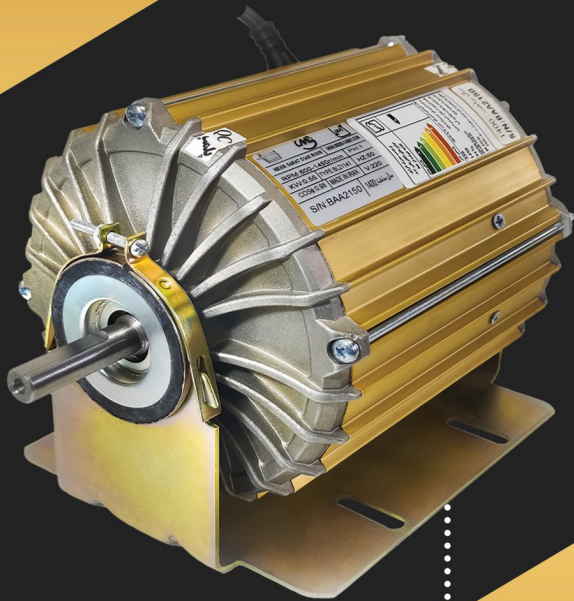




## MEHR SANAT DIAR NOUN



This group, unofficially, started working in designing and manufacturing electrical parts and importing spare parts for the first time in 2005. Our aim is to develop our country's industrial capacity with the help of qualified experts and managers. Synchronous with founding Mehr Sanat Diar Noun Co. in 2014, we have kept on working under this name officially.

Mehr Sanat Diar Noun Co. focuses on supplying spare parts of main industrials so we have cooperated with great companies all around the world. We succeed to get BAFA certificate.

Now this group, knowing the requirements of the costumers and presenting the high quality products in manufacturing and supplying electrical parts of car and marine industry are cooperating with state organizations, offices and private companies.

### Address:

Central office: Unit 6, 3rd Floor, Parse Building, Esmail Zade Alley, 17 Shahrivar St., Najaf Abad, Isfahan, Iran.

Postal Code : 8514666967

Factory Number 1: 4th Auxiliary Road , Electronic Boulevard , Electronic Industrial Zone, Khomeini Shahr, Electrical and Electronics Industrial Zone, Isfahan, Iran.

Postal Code : 8418148557

Factory Number 2: NO.31 , Kooshesh Street, Block 1 , Industrial Zone Number 1, Najaf Abad , Isfahan, Iran.

Postal Code : 8516954611

Tell: +98-31-42499249 / +98 9130843882

Fax: +98-31-42499349

## TECHNICAL SPECIFICATIONS

### Air Conditioner Motor Energy label <A>

Output power<HP>	3/4
Output power<KW>	0.55
Speed at rated coupling<RPM>	600-1450
Rated coupling<N.M>	3.5
Rated voltage<v>	220
Rated Current<A>	2.9
Primary Current<A>	0.4
Ingress Protection Rating	IP66
Power factor	0.99
Efficiency	91%
Total Harmonic Distortion<THDI>	under5%
External diameter	162mm
Out length without counting	205mm



**UP TO 60% REDUCTION**  
in electricity consumption

**36 MONTH WARRANTY**

www.mehr-sanat.com  
info@mehr-sanat.com



### Smart Switch

Motor relay current	8A
Voltage	220 V
Frequency	50 Hz
Pump relay current	3A

# SMART SWITCH



ON/ OFF  
Motor  
Pump  
High  
Low  
Automatic / manual

## Smart Switch Features

- Control building temperature automatically
- Automate control and manual control
- Setting motor speed in seven steps
- Having life protector
- Easy setting

# HIGH EFFICIENCY AIR CONDITIONER BLDC MOTOR



This product is domestically produced and has unique features such as the following:

## High-efficiency BLDC motor features

- Up to 60% of electricity consumption reduction
- There's no need to change the previous wiring system to use the high efficiency motor.
- The motor doesn't have a sudden electricity consumption when it starts working.
- The motor speed increases slowly
- Power voltage fluctuation and motor overheating protection
- Motor shaft lock and overloading protection
- Step by step motor speed control
- WATER PROOF

Due to the hot and dry weather in Iran, Water coolers are one of the low-consumption cooling devices for a large part of Iran. And according to statistics about eleven million coolers have been used that the power consumption of these water coolers in the summer is more than 5500 MW which causes a lot of pressure on the country's electricity network. Due to the increasing envelopment of the country and the existence of financial and political bottlenecks to develop electricity production and the transition, the government has been trying for years to use various methods to reduce electricity consumption.

Mehr Sanat Diar Noun Co. as a small member of the country industrial community has succeeded in designing and producing a new generation of knowledge-based engines after several years of research and perseverance.

In addition to the many benefits, this motor also saves on power consumption. This electric motor, which is called BLOC for short, has the following unique features:

- Very low Primary Current. It's about 10% of rated Current.
- Soft start
- Control the engine speed linearly and stepwise
- Ability to connect to PLC
- Motor noise is much lower than single-phase motors due to the lack of waves.
- Ability to control by mobile phone
- No need to alteration the previous wiring of the building for using the air conditioner motor
- Ability to adjust the temperature of the building and automatic control of the air conditioner
- Has protection of extra load-Input voltage control -
- Internal motor temperature control and protection against the shaft lock
- The engine body is protected against water splash and dust penetration and it has IP66 condition .
- Cause of more efficient, its producing lesswarmth inter cooler, by motor and cause of this we have more perquisite in hole system and its effecting in using water.