Defond has been in the component market for professional grade power tool for more than 20 years. We are the favourable choice in the industry from AC/corded products to Li-ion solutions and all the way up to brushless motor controls. Global experience with top tier customers from Europe, America and Japan as well as emerging markets enriched our experience and knowledge and enables us to be the most flexible and capable solution provider in the power tool market, no matter high end premium products or cost conscious items. Now Defond is poised to contribute expertise and experience in the lawn and garden products as Li-ion battery technology is catching up with lawn and gardening product power needs.

Component solutions on lawn and garden products have to be tough, handling very high currents under continuous loading, able to cater for increasingly diversified functionality, stand tough against hostile environment, being contamination resistant and provide good ergonomics for users; yet still remain cost effective. Defond has a whole series of component solutions from basic, no-frills yet robust/dust proof on-off switches to variable speed controllers in different packages catering for usage inside string trimmer, mower and blower, all the way up to chain saw.

DMU
DMU is an ideal platform for basic AC/DC on/off usage. Tested up to 36V DC application and also inside very high current AC products, this small switch outperforms all competitors at the same size. Yet the even better feature is the switch being dust and splash proof at a reasonable price.

Features
- Carry up to 125Vac 20A current and beyond, good for 36Vdc application depending on the loading conditions
- Dust and splash proof
- Standard micro switch size, thus ease of fitting into the system
- Ideal choice for medium to semi-heavy duty usage for both DIY and professional products

CYM
CYM as a rotary switch is designed specifically for AC blower and is the established choice for blower products. Coming with either 2 speed or multi speed, the switch is easy to use with good ergonomics for users, the knob can be freely customized to fit your product, and CYM can also be tuned to be a signal switch working with external PCBA for more feature/function.

Features
- One touch switch on and speed choice
- Long years of track record in AC blower market, the default choice in the market when it comes to AC blower
- Basic dust proof features
- On/off or two speed or multi speed control, or poti version available

SRC
SRC is a design based on the long time proven SR series. The SRC lines offer a wide scope of trigger, lock button and wiring options to meet all regular customer demand with decades of proven performance. It features some redesign allowing use of newer and more cost efficient materials as well as improved manufacturing technologies. This makes it in particular a cost efficient concept at applications requiring high ratings. Within the scope of the redesign improvements have been made on protection against dust ingress and trigger feeling.

All trigger and lock button styles available on SR series can be used on SRC as well.

Features
- Various terminal options: screws, push-in and spade terminals in any practical combination for ease of wiring
- Lock on, safety lock, no lock button or dummy lock button (for mounting purposes)
- Double break contact system rated up to 10 Amps
- Wide selection of standardized and customized switches
- Insensitive to dust
Li-ion battery-powered outdoor products help one work smarter, faster and cleaner without compromises. Their composition gives the best power/weight/density ratio ideal for batteries to power a massive range of portable equipment like power tools and lawn & garden tools.

Experience and know-how of Li-ion battery technology have been accumulated over 8 years. Defond not only supplies high precision power tool switches and ODM / OEM electronic modules to world-class customers but also developed advanced range of Li-ion control modules, and E-switch.

Defond’s Li-ion battery control systems are now also available for lawn & garden/landscaping Li-ion battery power tools.

Targeting for Li-ion battery solution or even brushless motor technology, EGA, CGP, EGD-BLDC switch or BGL are some of the very popular choices for consideration, so many success stories in the market are using these switches. Defond is the market leader in this segment with confidence.

Please contact us to explore solutions for you!

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**EGA**

EGA series small footprint makes it an excellent choice as a poti/signal switch with main on/wake up signal for Li-ion system as well as BLDC motor system. It features the functions needed to switch on and control BLDC tools with remote electronics.

**Features**
- High rated switches for applications rated up to 30A, 24Vdc
- Stepless potentiometer
- Various wire and potentiometer options
- Pre-wired to specifications

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**EGD**

EGD is an ultra compact DC VSC switch with different choices: electronics integrated switch for a Li-ion system, or being a poti/signal switch with main on/wake up signal for electronic module of Li-ion system as well as BLDC motor system.

It can be used for applications up to 30A, 16Vdc. It offers great advantages on assembly in the tool with class leading compact size, proven robustness and dust proof design.

**Features**
- Ultra compact size
- Stepless potentiometer
- Integrated F/R box
- Brake option
- Electronics integrated (full) versions could be equipped with feature such as soft start, under voltage protection, overload protection, battery temperature protection, optional signal pins for LED, fuel gauge or ID pin. It can offer external MOSFET option.

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**BGC / BGL**

BGC series are high rated switches for applications rated up to 35A, 42Vdc. It is available as on-off versions for high rating, heavy duty DC Li-ion tools like chain saw and has versions with potentiometer. The BGL has a double pole structure for special applications.

**Features**
- High power contact
- Snap action contact system
- Multistep or stepless potentiometer option
- Brake option
- Solder or pre-wired input/output
- Diode option
- Dust Proof
- Double pole version (BGL)