



AC-DC spínané zdroje, DC-DC měniče  
chassis, DIN-rail, PCB  
industrial and medical versions



[www.vienna-trading.com](http://www.vienna-trading.com)  
[www.archcorp.com.tw](http://www.archcorp.com.tw)

# DC-DC Converters

## DC-DC měniče



| Series Name |    | Output Power    |               | Input Voltage   |  | Output Voltage |                |              |        |                   |
|-------------|----|-----------------|---------------|---|--|----------------|----------------|--------------|--------|-------------------|
| SB          |    | 1R5             |               | 5   |  | 12 S           |                |              |        |                   |
| SB          | SU | 1R5 – 1.5 Watts | 15 – 12 Watts | 2:1 Range 3=3.0 - 36 Vdc<br>5=4.5 - 5.5 Vdc                           |  | Single         | 1.5S – 1.5 Vdc | 5S – 5 Vdc   | Dual   | 5D – ±5 Vdc       |
| SH          | SF | 03 – 3 Watts    | 20 – 20 Watts | 5=4.5 - 5.5 Vdc   |  |                | 1.8S – 1.8 Vdc | 12S – 12 Vdc |        | 12D – ±12 Vdc     |
| SA          | SK | 05 – 5 Watts    | 25 – 25 Watts | 12=4.5 - 13.5 or 7.0 - 13.5 or 9 - 18 or<br>9 - 36 or 10.8 - 13.2 Vdc |  |                | 2.1S – 2.1 Vdc | 15S – 15 Vdc |        | 15D – ±15 Vdc     |
| ST          | NI | 08 – 8 Watts    | 30 – 30 Watts | 24=18 - 36 or 18 - 75 or 216 - 264 Vdc                                |  |                | 2.5S – 2.5 Vdc | 24S – 24 Vdc | Triple | 5S12D – 5/±12 Vdc |
|             |    | 10 – 10 Watts   | 40 – 40 Watts | 48=36 - 75 or 432 - 528 Vdc   |  |                | 3.3S – 3.3 Vdc |              |        | 5S15D – 5/±15 Vdc |
|             |    |                 |               | 4:1 Range 24F=9 - 36 or 10 - 40 Vdc<br>48F=18 - 75 Vdc                |  |                |                |              |        |                   |



NEW

| Model No.            | SB1R5                                    | SB03                               | SB05                               | SB08                                   | SH10                                   | SA06               |
|----------------------|--|------------------------------------|------------------------------------|--|--|--------------------|
| Output Power         | 1.5W                                     | 3W                                 | 5W                                 | 8W                                     | 10W                                    | 6W                 |
| Input Type           |  | 4:1 Range                          | 4:1 Range                          | 2:1 and 4:1 Range                      | 2:1 and 4:1 Range                      | 2:1 Range          |
| Input Voltage Range  | 4.5-5.5 10.8-13.2<br>21.6-26.4 43.2-52.8 | 9-36<br>18-75                      | 9-36<br>18-75                      | 2:1 9-18 18-36 36-75<br>4:1 9-36 18-75 | 2:1 9-18 18-36 36-75<br>4:1 9-36 18-75 | 18-36              |
| Package Style        | Module                                   | Module                             | Module                             | Module                                 | Module                                 | Module             |
| Output Type          | Single / Dual                            | Single / Dual                      | Single / Dual                      | Single / Dual                          | Single / Dual                          | Single             |
| Output Voltage Range | 5, 12, 15, 24<br>±5, ±12, ±15            | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15 | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15 | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15     | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15     | 3.3, 5, 12, 15, 24 |



| Model No.            | SA10               | ST10                                    | ST15                                    | ST20           | SU20   | SU40  |
|----------------------|--------------------|---|---|----------------|--|---|
| Output Power         | 10W                | 10W                                     | 15W                                     | 20W            | 20W  | 20W   |
| Input Type           | 2:1 Range          | 2:1 and 4:1 Range                       | 2:1 and 4:1 Range                       | 2:1 Range      | 2:1 and 4:1 Range                                  | 2:1 Range                                     |
| Input Voltage Range  | 36-75              | 2:1 9-18 18-36 36-75<br>4:1 10-40 18-75 | 2:1 9-18 18-36 36-75<br>4:1 10-40 18-75 | 18-36<br>36-75 | 2:1 9-18 18-36 36-75<br>4:1 10-40 18-75            | 9-18 18-36 36-75                              |
| Package Style        | Module             | Module                                  | Module                                  | Module         | Module   | Module  |
| Output Type          | Single             | Single / Dual                           | Single / Dual                           | Single         | Single/Dual/Triple                                 | Single/Dual/Triple                            |
| Output Voltage Range | 3.3, 5, 12, 15, 24 | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15,     | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15      | 2.5, 3.3, 5    | 3.3, 5, 12, 15, 24<br>±5, ±12, ±15<br>5/±12, 5/±15 | 5, 12, 15, 24<br>±5, ±12, ±15<br>5/±12, 5/±15 |



| Model No.            | SF30                                    | SK30                            | SK40                            | NI20                       | NI25                       |
|----------------------|---|---------------------------------|---------------------------------|----------------------------|----------------------------|
| Output Power         | 30W                                     | 30W                             | 40W                             | 12-20W                     | 15-33W                     |
| Input Type           | 4:1 Range                               | 2:1 Range                       | 2:1 Range                       | -                          | -                          |
| Input Voltage Range  | 10-40 18-75                             | 36-75                           | 36-75                           | 4.5-5.5 4.5-13.5 7-13.5    | 4.5-5.5 4.5-13.5 7-13.5    |
| Package Style        | Module                                  | Module                          | Module                          | Open                       | Open                       |
| Output Type          | Single / Dual                           | Single                          | Single                          | Single                     | Single                     |
| Output Voltage Range | 2.5, 3.3, 5, 12, 15, 24<br>±5, ±12, ±15 | 1.8, 2.5, 3.3, 5, 12,<br>15, 24 | 1.8, 2.5, 3.3, 5, 12,<br>15, 24 | 1.5, 1.8, 2.1, 2.5, 3.3, 5 | 1.5, 1.8, 2.1, 2.5, 3.3, 5 |

# AC-DC / Medical Power Module

## AC-DC spínané zdroje pro medicínskou techniku



Series Name

Output Voltage & Output Type

Package Type

**AHC**

**3.3**

**S**

**E1**

AHC      ANC  
APC      ASC  
AFC      AQC60  
ATC

| Single | 3.3S – 3.3 Vdc<br>5S – 5 Vdc<br>12S – 12 Vdc<br>15S – 15 Vdc<br>24S – 24 Vdc | Dual | 5D – ±5 Vdc<br>12D – ±12 Vdc<br>15D – ±15 Vdc<br>5S12S – 5/12 Vdc | Triple | 5S12D – 5/±12 Vdc<br>5S15D – 5/±15 Vdc |
|--------|--|------|---|--------|--|
|--------|--|------|---|--------|--|

E1 – Operating Starts at -40°C  
Except AQC60  
A2-A7 – Screw Terminal  
Except AQC60  
DN – Din Rail Accessory  
Except ASC; AQC60

**ATC**

MTC  
MSC

E1 – Operating Starts at -40°C  
A2-A7 – Screw Terminal



| Model No.            | AHC                | APC                              | AFC                | ATC                              |
|----------------------|--------------------|----------------------------------|--------------------|----------------------------------|
| Output Power         | 5W                 | 5W                               | 10W                | 10W                              |
| Input Voltage Range  | 90-264             | 90-264                           | 90-264             | 90-264                           |
| Package Style        | Module             | Module                           | Module             | Module                           |
| Isolation Voltage    | 3000 VAC           | 3000 VAC                         | 3000 VAC           | 3000 VAC                         |
| Output Type          | Single             | Single / Dual                    | Single             | Single / Dual                    |
| Output Voltage Range | 3.3, 5, 12, 15, 24 | 3.3, 5, 12, 15, 24, ±5, ±12, ±15 | 3.3, 5, 12, 15, 24 | 3.3, 5, 12, 15, 24, ±5, ±12, ±15 |



| Model No.            | ANC   | ASC  | AQC60              |
|----------------------|---|--|--------------------|
| Output Power         | 15W   | 30W  | 60W                |
| Input Voltage Range  | 90-264                                      | 90-264   | 90-264             |
| Package Style        | Module                                      | Enclosed   | Din Rail Accessory |
| Isolation Voltage    | 3000 VAC                                    | 3000 VAC   | 3000 VAC           |
| Output Type          | Single / Dual / Triple                      | Single / Dual / Triple                               | Single             |
| Output Voltage Range | 5, 12, 15, 24<br>±5, ±12, ±15, 5/±12, 5/±15 | 3.3, 5, 12, 15, 24, 48<br>±5, ±12, ±15, 5/±12, 5/±15 | 5, 12, 15, 24      |



**Modifications**  
**Varianty montáže**  
chassis, DIN-rail, PCB



| Model No.            | MTC  | MSC  |
|----------------------|--|--|
| Output Power         | 15W  | 40W  |
| Input Voltage Range  | 90-264   | 90-264   |
| Package Style        | Module   | Module   |
| Isolation Voltage    | 4000 VAC   | 4000 VAC   |
| Output Type          | Single / Dual / Triple                                 | Single / Dual / Triple   |
| Output Voltage Range | 3.3, 5, 7.35, 9, 12, 15, 24<br>±5, ±12, ±15/±12, 5/±15 | 3.3, 5, 9, 12, 15, 24, ±5, ±12,<br>±15, 5/12S/24, 5/±12, 5/±15 |

**-40°C Degrees starting**

We are proud to announce AC-DC power module could operate starting at -40°C degrees.

Power range from 5-30 watts has the same efficiency as standard modules.

# AC-DC Switching Power Supply

## AC-DC spínané zdroje



| Series Name | Output Power  | Package Type  | Output Voltage   | Output Type |
|-------------|---|---|--|-------------|
| <b>AQS</b>  | <b>75</b>   | <b>O</b>  | <b>3.3</b>   | <b>S</b>    |
| AQS<br>AQF  | 75 – 75 Watts<br>150 – 150 Watts<br>250 – 250 Watts | O – Open Frame<br>E – Enclosed<br>D – Din Rail Accessory<br>U – U Bracket | 3.3S – 3.3 Vdc<br>5S – 5 Vdc<br>12S – 12 Vdc<br>15S – 15 Vdc<br>24S – 24 Vdc<br>48S – 48 Vdc | Output Type |



| Model No.            | AQS75O        | AQS75E        | AQS75D             | AQS75U        |
|----------------------|---------------|---------------|--------------------|---------------|
| Output Power         | 75W           | 75W           | 75W                | 75W           |
| Input Voltage Range  | 90-264        | 90-264        | 90-264             | 90-264        |
| Package Style        | Open          | Enclosed      | Din Rail Accessory | U Bracket     |
| Isolation Voltage    | 3000 VAC      | 3000 VAC      | 3000 VAC           | 3000 VAC      |
| Output Type          | Single        | Single        | Single             | Single        |
| Output Voltage Range | 5, 12, 15, 24 | 5, 12, 15, 24 | 5, 12, 15, 24      | 5, 12, 15, 24 |



| Model No.            | AQF150O                | AQS150E                | AQF150D                |
|----------------------|------------------------|------------------------|------------------------|
| Output Power         | 150W                   | 125W                   | 125W                   |
| Input Voltage Range  | 90-264                 | 90-264                 | 90-264                 |
| Package Style        | Open Frame             | Enclosed               | Din Rail Accessory     |
| Isolation Voltage    | 3000 VAC               | 3000 VAC               | 3000 VAC               |
| Output Type          | Single                 | Single                 | Single                 |
| Output Voltage Range | 3.3, 5, 12, 15, 24, 48 | 3.3, 5, 12, 15, 24, 48 | 3.3, 5, 12, 15, 24, 48 |



| Model No.            | AQF150U                | AQF250E                | AQF250D                | AQF250U                |
|----------------------|------------------------|------------------------|------------------------|------------------------|
| Output Power         | 150W                   | 250W                   | 250W                   | 250W                   |
| Input Voltage Range  | 90-264                 | 90-264                 | 90-264                 | 90-264                 |
| Package Style        | U Bracket              | Enclosed               | Din Rail Accessory     | U Bracket              |
| Isolation Voltage    | 3000 VAC               | 3000 VAC               | 3000 VAC               | 3000 VAC               |
| Output Type          | Single                 | Single                 | Single                 | Single                 |
| Output Voltage Range | 3.3, 5, 12, 15, 24, 48 | 3.3, 5, 12, 15, 24, 48 | 3.3, 5, 12, 15, 24, 48 | 3.3, 5, 12, 15, 24, 48 |