



| Model            |                                   |                                                 | MID1000RTI_1.0                                                                                                                                                                       | MID3000RTI_1.0                                                           |
|------------------|-----------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Capacitate VA/W) |                                   |                                                 | 1000/1000                                                                                                                                                                            | 3000/3000                                                                |
| Alimentare       | Faza                              |                                                 | Monofazic cu impamantare                                                                                                                                                             |                                                                          |
|                  | Tensiune                          |                                                 | 200/208/220/230/240V AC                                                                                                                                                              |                                                                          |
|                  | Plaja de tensiuni de alimentare   |                                                 | 55-150Vac sau 110-300Vac@60% sarcina, 80-145Vac sau 160-300Vac @100% sarcina                                                                                                         |                                                                          |
|                  | Frecventa                         |                                                 | 40~70Hz                                                                                                                                                                              |                                                                          |
|                  | Factor de putere                  |                                                 | 0.99                                                                                                                                                                                 |                                                                          |
|                  | THDI                              |                                                 | <7% sarcina lineara (100%)                                                                                                                                                           |                                                                          |
|                  | Intervalul de tensiune de operare |                                                 | 160Vac ±5% @100%-80% sarcina, 140Vac ±5% @80%-70% sarcina, 120Vac ±5% @70%-60% sarcina<br>(Ambient temp <35°C)<br>Transfer in bypass: 300VAC ± 5%<br>Revenire din bypass: 290Vac ±5% |                                                                          |
|                  | Alimentare generator              |                                                 | Suportat                                                                                                                                                                             |                                                                          |
| Iesire           | Faza                              |                                                 | Monofazic cu impamantare                                                                                                                                                             |                                                                          |
|                  | Tensiune                          |                                                 | 200/208/220/230/240V AC                                                                                                                                                              |                                                                          |
|                  | Factor de putere                  |                                                 | 1                                                                                                                                                                                    |                                                                          |
|                  | Variatia tensiunii de iesire      |                                                 | ±1%                                                                                                                                                                                  |                                                                          |
|                  | Frecventa                         | Operare pe retea                                | 47-53Hz, sau 57-63Hz                                                                                                                                                                 |                                                                          |
|                  |                                   | Operare pe acumulator                           | 50/60Hz ±0,1% Hz                                                                                                                                                                     |                                                                          |
|                  | CrestFactor                       |                                                 | 3:1                                                                                                                                                                                  |                                                                          |
|                  | THD                               | <2% TDH ( sarcina liniara)                      |                                                                                                                                                                                      |                                                                          |
|                  |                                   | <4% TDH ( sarcina neliniara)                    |                                                                                                                                                                                      |                                                                          |
|                  | Forma de unda                     |                                                 | Unda sinusoidala pura                                                                                                                                                                |                                                                          |
| Eficienta        | Cu alimentare (sarcina 100%)      |                                                 | 88%                                                                                                                                                                                  | 92%                                                                      |
|                  | Pe acumulator (sarcina 100%)      |                                                 | 85%                                                                                                                                                                                  | 90%                                                                      |
| Acumulator       | Tensiune DC                       |                                                 | 24VDC                                                                                                                                                                                | 72VDC                                                                    |
|                  | Tip acumulator                    |                                                 | 2 x 9Ah                                                                                                                                                                              | 6 x 9Ah                                                                  |
|                  | Timp de reincarcare la 90%        |                                                 | 4 ore                                                                                                                                                                                |                                                                          |
|                  | Curent de incarcare               |                                                 | 1A sau 2A                                                                                                                                                                            |                                                                          |
|                  | Tensiune de incarcare             |                                                 | 27.4Vdc±1%                                                                                                                                                                           | 82.1Vdc±1%                                                               |
|                  | Autonomie                         |                                                 | In functie de numarul de pachete externe de baterii. (Maximum 4 pachete)                                                                                                             | In functie de numarul de pachete externe de baterii. (Maximum 4 pachete) |
| Timp de comutare |                                   | Retea - Acumulator: 0ms; Invertor - Bypass: 4ms |                                                                                                                                                                                      |                                                                          |

|                         |                                                |                                                                      |                                                                                                   |                                |
|-------------------------|------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------|
| Protectie               | Suprasarcina                                   | Ambient temp. <35°C                                                  | 105-110% - 10 min; 110-130% - 1 min; 130-150% - 5 sec; >150% transfer in bypass                   |                                |
|                         |                                                | Ambient temp. >35°C; <40°C                                           | 105-110% - 1 min; 110-130% - 5 sec; >130% transfer in bypass                                      |                                |
|                         | Supraincalzire                                 | In mod retea comuta pe Bypass                                        |                                                                                                   |                                |
|                         |                                                | In mod acumulator - shut down                                        |                                                                                                   |                                |
|                         | Acumulator descarcat                           | Alarma - shut down                                                   |                                                                                                   |                                |
|                         | EPO (optional)                                 | Shut down imediat                                                    |                                                                                                   |                                |
| Afisaj/Semnalizari      | LCD si semnalizare sonora                      | Eroare alimentare/ Acumulator descarcat/ Suprasarcina/ Alarma sistem |                                                                                                   |                                |
| Caracteristici fizice   | Sistem de montaj                               |                                                                      | Rack/Tower                                                                                        | Rack/Tower                     |
|                         | Dimensiuni (mm) (Latime x inaltime x adancime) |                                                                      | 440 x 86.5 x 322                                                                                  | 440 x 86.5 x 600               |
|                         | Greutate                                       |                                                                      | 11.5                                                                                              | 26.9                           |
|                         | Conectori de intrare                           |                                                                      | IEC320 C14                                                                                        | IEC320 C20                     |
|                         | Conectori de iesire                            |                                                                      | 8 x IEC320C13                                                                                     | 8 x IEC320C13<br>1 x IEC320C19 |
|                         | Conector pachet extern de baterii              |                                                                      | Tip Anderson                                                                                      |                                |
| Interfata de comunicare | USB, RS232                                     |                                                                      | Software pentru Windows, Linux, FreeDSB, etc.                                                     |                                |
|                         | Slot de comunicare                             |                                                                      | Card SNMP, Card Relay                                                                             |                                |
| Mediu de functionare    | Temperatura de functionare                     |                                                                      | 0°C ~ 40°C                                                                                        |                                |
|                         | Temperatura de depozitare                      |                                                                      | -25°C ~ +55°C                                                                                     |                                |
|                         | Umiditate                                      |                                                                      | 20 ~ 90%RH, 0-40°C (fara condens)                                                                 |                                |
|                         | Altitudine                                     |                                                                      | <1500m                                                                                            |                                |
|                         | Zgomot                                         |                                                                      | <50dB la 1m                                                                                       |                                |
| Certificate de sigurata |                                                |                                                                      | IEC/EN62040-1, IEC/EN60950-1                                                                      |                                |
| EMC                     |                                                |                                                                      | IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8 |                                |

#### Pachete externe de baterii

|                                |                                              | MIDRT1KVAEBP_1.0 | MIDRT3KVAEBP_1.0 |
|--------------------------------|----------------------------------------------|------------------|------------------|
| <b>Capacitate acumulator</b>   |                                              | 9AH              | 9AH              |
| <b>Tensiune acumulator DC</b>  |                                              | 24V              | 72V              |
| <b>Cantitate de acumulator</b> |                                              | 4                | 12               |
| <b>Curentul de incarcare</b>   |                                              | 2A               | 2A               |
| <b>Caracteristici fizice</b>   | Dimensiuni mm (Latime x Inaltime x Adancime) | 440 x 86.2 x 322 | 440 x 86.5 x 600 |
|                                | Greutate (kg)                                | 12               | 32               |