Auxiliary inverter . Dual inverter 2x17kva

inverter.aux_inverter.Dual_inverter.2x17kva :

Power Data:

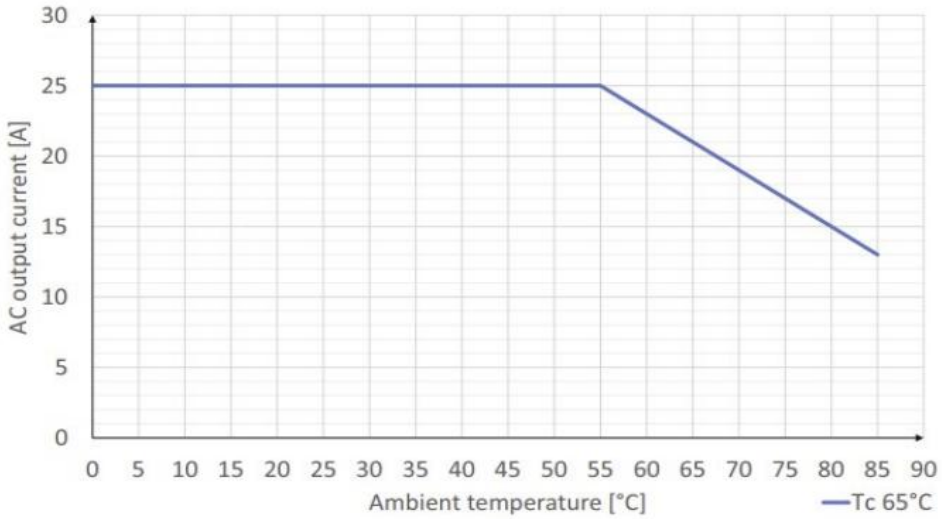
- AC output power @ 650 V DC : 2 x 17 kVA
- Nominal DC voltage: 650 V
- DC input voltage range 200 – 850 V
- max. AC output voltage @ 3 AC : 0 – 500 V
- Recommended motor power @ 4 kHz : 2 x 15 kW
- Rated current @ 4 kHz: 2 x 25 A
- Peak current for 10 s @ 4 kHz : 2 x 45 A
- Peak current for 60 s @ 4 kHz : 2 x 37.5 A
- Peak current for 120 s @ 4 kHz : 2 x 32.5 A
- Peak current for 240 s @ 4 kHz : 2 x 28.7 A
- Output frequency :0 – 599 Hz (optional up to 1,600 Hz)
- Control supply voltage: 9 – 36 V
- Ambient temperature :-40 to 85 °C (beyond 50 °C with derating)
- Coolant temperature: -40 to 65 °C
- Altitude: max. 4,000 m a.s.l.
- Control supply current at min. control supply voltage range : 1.7A at 10V DC
- Inrush current at switch on of supply voltage: 11.5A at 24V DC
- Duration of the max. inrush current: 10ms … 15ms

Control Hardware:

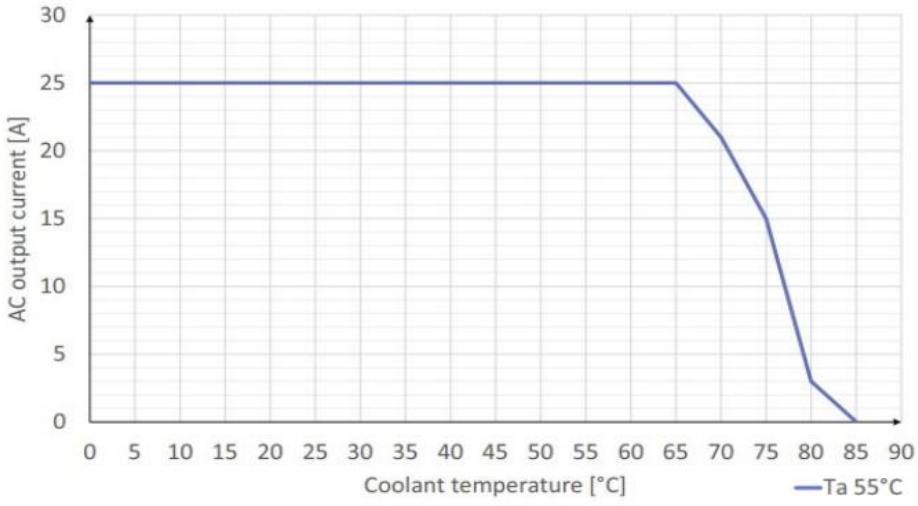
- Digital I/O: 4
- Service interface: CANopen / SAE J1939
- Communication interface :CANopen / SAE J1939
- Motor temperature control: PTC, PT1000

Mechanical Data:

- Dimensions w/o connectors: [L × W ×H] 300 x 391 x 85 mm
- Weight : < 10 kg
- Degree of protection : IP6K9K
- Type of cooling Liquid: water-glycol



Output current at various ambient temperatures
(V_{DC} = 650 V, coolant flow rate = 15 l/min, 4kHz)



Output current at various cooling temperatures
(V_{DC} = 650 V, coolant flow rate = 15 l/min, 4kHz)

- Operating flow rate of the coolant (rated flow rate): 15 L/min
- Min. flow rate (4): 5 L/min
- Max.flow rate: 40 L/min

General Data:

- User Interface: REFUdriver software tool
- Electromagnetic compatibility: UN ECE R10, EN 61800-3
- Device protection : Short circuit, earth fault, over current, voltage and temperature monitoring, motor temperature monitoring
- Configurations : Motor inverter, generator inverter, DC-DC converter, charging devices, on-board power supply
- Cable connection : HV: gland / LV control: plug