



RDC Charger

User manual



Robotina d.o.o.
OIC-Hrpelje 38 Hrpelje
SI-6240 Kozina
Slovenia

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HV-430-3P-01



| | |
|--------------|--|
| Order code: | HV-430-3P-01 |
| Description: | High voltage hybrid inverter-three phase |
| Mounting: | standing-outdoor IP54 |

Technical specification

AC Parameters

| | |
|---------------------------|--------------------|
| Nominal AC power (kVA): | 430 |
| Ac connection : | Three-phase |
| Overload capability: | 100%-110% max 2min |
| AC frequency and voltage: | 50/60Hz; 690V |

DC Parameters

| | |
|------------------------------|-----------|
| Max DC power (kW): | 474 |
| DC voltage range (V): | 1000-1500 |
| Full load voltage range (V): | 1070-1500 |
| Number of DC branches: | 1 |
| Max DC current every branch: | 402A |

System parameters

| | |
|---------------------|-------------------|
| Peak efficiency: | 98.5% |
| Dimensions (WxHxD): | 2000x2160x1300 mm |

| | |
|-----------------------|-------------------------------------|
| Weight: | 1600kg |
| Enclosure protection: | IP54 |
| Noise: | <75dB |
| Operating temp.: | -20°C to 60°C (De-rating over 50°C) |
| Cooling: | Air cooling |

