

**Inverter - RPS 450-170**

Manufacturer
Model

Generic
RPS 450-170

Commercial data

Availability : Prod. Since 2009
Data source : Manufacturer 2009

Remarks

Technology: Transformer included
Protection: -10 - +40°C, IP 20
Control: KP500

Sizes

Width 1200 mm
Height 1700 mm
Depth 800 mm
Weight 1100.00 kg

Input characteristics (PV array side)

Operating mode MPPT
Minimum MPP Voltage (Vmin) 425 V
Maximum MPP Voltage (Vmax) 875 V
Absolute max. PV Voltage (Vmax array) 1000 V
Behaviour at Vmin/Vmax Limitation
Behaviour at Pnom Limitation

Nominal PV Power (Pnom DC) 170 kW
Power Threshold (Pthresh.) 1000 W

Output characteristics (AC grid side)

Grid voltage (Imax) Triphased 400 V
Grid frequency 50/60 Hz

Nominal AC Power (Pnom AC) 150 kWac
Maximum AC Power (Pmax AC) 150 kWac
Nominal AC current (Inom AC) 217 A
Maximum AC current (Imax AC) 217 A

Maximum efficiency 96.7 %
European average efficiency 95.9 %

Remarks and Technical features

Array isolation monitoring
Internal DC switch
Internal AC switch
Output Voltage disconnect adjustment