

KWant3000 3 phase NEW

Kwant3000_3ph_new - description on the website:
http://eng.kwsystems.ru/content/catalog/docs/162/Eng_KWant3000-3ph.pdf



3000W high reliable digital control fanless design
 AC/DC converter for harsh environment applications



Key features:

Type.....	AC/DC
Powe.....	3000 W (12 kW peak)
Input voltage.....	~380 VAC (3 phases without neutral)
Output voltage	28; 60 V
Parallel and series operation	Yes
External synchronization.....	Yes
Built-in overcurrent, overvoltage and thermal protection circuit.....	Yes
Operating temperature (case).....	-50...+85 °C
Size.....	284×174×54 mm

Advantages:

- ◆ Conductive cooling: fanless design
- ◆ Active PFC (power factor = 0.98)
- ◆ Digital control and monitoring: RS-485 interface, open protocol ModBus RTU
- ◆ Harsh operating conditions: MIL-STD-810G
- ◆ EMC level meet to MIL-STD-461E and EN55022 Class B without external components
- ◆ Voltage source mode / Current source mode
- ◆ Wide output voltage adjustment: - 50 %...+10 % of Vout Nominal
- ◆ Sustainable to wide temperature changes
- ◆ High efficiency: up to 94 %

KWadr5000, KWadr5000T

5000 W digital control AC/DC converters with wide output adjustment and possibility to build high power systems

[Kwadr5000 - description on the website: http://eng.kwsystems.ru/content/catalog/docs/183/KWadr5000.pdf](http://eng.kwsystems.ru/content/catalog/docs/183/KWadr5000.pdf)



[Kwadr5000T - description on the website: http://eng.kwsystems.ru/content/catalog/docs/188/KWadr5000T.pdf](http://eng.kwsystems.ru/content/catalog/docs/188/KWadr5000T.pdf)



Key features:

Type.....	AC/DC
Power.....	5000 W
Input voltage.....	~220 VAC (1 phase), ~380 VAC (3 phases without neutral), DC input
Output voltage	30; 60; 110; 250; 300; 350 V
Parallel / series operation, hot swap	Yes
Built-in overcurrent, overvoltage and thermal protection circuit	Yes
Smart active cooling.....	Yes
Operating temperature (case).....	up to -40...+50 °C
Size.....	475×140×63 mm

Key features:

- ◀ Digital control and monitoring: RS-485 interface, open protocol ModBus RTU
- ◀ Voltage source mode / Current source mode
- ◀ Output voltage adjustment: 1 V ... Vout Nominal
- ◀ Output current adjustment: 0 ... 100 % Iout
- ◀ Possibility to build high power systems from 10 kW up to 100 kW
- ◀ EMC level meet to MIL-STD-461E and EN55022 Class B without external components
- ◀ Active PFC (power factor >0.95)
- ◀ Sustainable to wide temperature changes
- ◀ High efficiency 95 %