

## News

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### PV Industry's Top Conversion Efficiency 94.5% 10 kW Power Conditioner for Photovoltaic Generation System "SANUPS P73H"

February 15, 2011

SANYO DENKI CO., LTD. has developed "SANUPS P73H", new power conditioner for photovoltaic generation system, with industry's top\*1 conversion efficiency of 94.5%.

"SANUPS P73H" is to be introduced in Japanese markets. Our power conditioner lineup for Japanese use is 10kW to 100kW as before.

With this new power conditioner, we achieved high conversion efficiency and IP65 level of protection.



### Features

#### 1. Industry's Top Conversion Efficiency of 94.5%

P73H has achieved industry's top conversion efficiency of 94.5%.\*2

#### 2. IP65 (International Protection Code of 65)

It has achieved IP65 level of protection, and is superior in waterproof / dustproof performance. It's safely used outside as well.

#### 3. Wide Input Operating Voltage Range

It is possible to use for various photovoltaic generation systems due to wide input operating voltage range 150 V DC to 600V DC.

\*1: The information in this release is current as of February 15, 2011.

The above data is based on our own research, collected among power conditioners of same capacity.

\*2: Rated load efficiency based on JIS C8961. At rated input/output. Expect for connecting box function.

### Specifications

Rated output		10kW
Electrical insulation method		Transformerless
DC input	Input operating voltage range	150 to 600 V DC
AC output	Output electrical system	Three-phase 3-wire system
	Rated output voltage(Line)	202 V AC
	Rated frequency	50/60Hz
Conversion efficiency		94.50% (Rated load efficiency based on JIS C8961. At rated input/output. Expect for connecting box function.)

### Applications

Photovoltaic system

### Release Date

May 1, 2011.

\*The information in this release is current as of February 15, 2011.

"SANUPS" is a trademark of SANYO DENKI CO.,LTD.

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