



SHARP EXPANDS RANGE OF HIGH EFFICIENCY BACK CONTACT MODULES

New back contact module with 'Best in Class' efficiency (20%)

Hamburg, March 22nd, 2018 – Sharp today launches the industry's most efficient 48 cell PV module for the European market. The NQ-R258H is a new addition to its NQ-R product family of highly efficient back contact modules for residential and commercial use.

The NQ-R258H (258W) monocrystalline photovoltaic (PV) module incorporates Sharp's back contact technology with 'Best in Class' efficiency of 20%; increasing the amount of sunlight that can be used and returning maximum power output for minimum roof space. On the same surface area, the 48 cell modules can generate more power than with conventional 60 cell modules.

The module has a discreet matte black finish, while reflections are minimised thanks to the electrical contact wires being on the underside of the panel. It uses anti-reflection glass to make the panels even less conspicuous.

The NQ-R range (NQ-R258H and NQ-R256A) is ideal for all residential spaces, including houses with dormers, because the modules are very versatile. This is due to their compact size, light weight, easy handling and the option for short and long side clamping.

This versatility opens up completely new possibilities of installation. One example of this is the HKW-Solar-Energiesysteme Solar Tower, a unique solar solution which uses NQ-R256A back-contact modules in portrait orientation, offering an alternative to a roof-based installation for home owners short on space.

The safety, quality and durability of the modules has been recognised with IEC seals (IEC/EN 61215 and IEC/EN 61730). The modules have a frame with two additional support bars and successfully passed a snow load test of 5400Pa according to IEC61215.

The NQ-R256A modules have already been chosen for installations in extreme weather conditions, including at a remote mountain facility in Austria, 'Habsburghaus' at a height of 1,785m.

For more information please visit www.sharp.co.uk/energysolutions

More information and images of the Habsburghaus installation are available from sharp@schwartzpr.de

About Sharp Energy Solutions

Sharp is one of the world's largest photovoltaic manufacturers and has been a driving force behind the use of photovoltaic technologies for over 55 years. Sharp offers solar modules for the environmentally conscious energy production, battery solutions for the time-independent use of stored energy and the "Smart Chap" energy manager for controlling energy. To date, Sharp has delivered more than 50 million PV modules worldwide.