# solar<mark>edge</mark>

# > BENEFITS OF SOLAREDGE VS. TRADITIONAL STRING INVERTER

# **Full roof utilisation**

Put **more panels** on the roof in a **more aesthetic** manner. Mix different orientations and panel types to maximise PV power production out of your roof space.



### Maximum system uptime

Monitor the **performance of each panel** to make sure you **maximise your investment**.



# **More Energy**

With traditional inverters, output of all panels is affected by the weakest panel and there are substantial energy losses due to unevenly dirty and shaded panels.

Get maximum power out of each panel with the SolarEdge System.

#### Traditional inverter

SolarEdge





# **Superior safety**

**Protect** asset and people through **automatic shutdown of the high DC voltage** during installation, maintenance and emergency.



1V per panel

# > BENEFITS OF SOLAREDGE VS. MICROINVERTERS

# The Best of Both Worlds

The SolarEdge solution splits the inverter functionality:

On each panel – **duplicate only what is necessary** to improve system performance

On the wall - keep accessible the components which are more likely to fail

The benefits:

- **Cost** microinverters system **costs significantly more** than a comparable SolarEdge system
- Reliability microinverters have significantly more components than power optimisers, therefore the chance of anything failing is much bigger. With microinverters all components are on the roof, so each failure requires scaffolding and roof maintenance
- **Complexity** microinverters require proprietary cabling and parts which



#### One SolarEdge inverter on the wall



complicate installation and future service

# >WHY SOLAREDGE?

### **Financially Strong**

SolarEdge is a bankable company, publicly traded on the Nasdaq and profitable



## **High Quality Manufacturing**

Made in Europe - production line in Flextronics Hungary and in Jabil China



#### **Superior Service**

Local team offering remote and onsite support by SolarEdge field engineers



#### Warranty

25 years power optimiser warranty, 12 years inverter warranty, extendable to 20/25 years at a low cost, monitoring free for lifetime

