Quasar switch-mode rectifiers are designed to meet all galvanic surface treatment requirements. Based on high speed IGBT technology, they provide high efficiency and performance. Compact dimensions and reduced weight versus conventional rectifiers without compromising reliability.

From a unit of 50A to 500A... ... to a powerful installation of 32'000A!
• Air Cooled - IP31
• Water Cooled - IP43
• 1 power module / reverse module
• Available in all types:
  DC - Direct Current / DCR - Reverse of polarity
  PP - Pulsed / PPR - Pulsed with Reverse of polarity

• Sizes: 50A / 100-150A / 200-250A / 300A / 400A / 500A
• Available with buzzer and push button for E-coat applications

• Air Cooled - IP21
• Up to 3 power modules / reverse modules
• Available in all types:
  DC - Direct Current
  DCR - Reverse of polarity
  PP - Pulsed
  PPR - Pulsed with Reverse of polarity

• Sizes: Config 01-1 up to 550A DC / 250A DCR
  Config 02-2 up to 1100A DC / 550A DCR
  Config 03-3 up to 1700A DC / 1100A DCR
• Available in IP52 (NEMA 12)

• Air Cooled - IP32
• Water Cooled - IP42
• Up to 9 power modules / reverse modules
• Available in all types:
  DC - Direct Current
  DCR - Reverse of polarity
  PP - Pulsed
  PPR - Pulsed with Reverse of polarity

• Up to 8000A in one tower. Multi-tower expansion for higher requirement
• Available in IP65 (water cooled)

Pulse plating

• Available in all models Q100/Q300/Q500
• Up to 50% energy saving
• 30% less process time for the same deposit thickness
• Increase temperature of anodizing solution due to the reduction of oxidation voltage
• Reduced barrier-layer
• Pulses help avoid burned parts and improve surface uniformity
• Same rectifier can be used for anodizing and coloring
• Different programmable waveform for different process applications