

CUSTOMER REFERENCE

IND/2015/004



CUSTOMER INFORMATION



Petronash

(TECHNICAL) SPECIFICATIONS

Locations	Dubai
Application	Gas process skids in harsh environments
Architecture	AEG PS designed a custom solution based on its Protect RCS 24-TPre150 battery charger, housed in a custom-designed 316L stainless steel cabinet. A custom-designed passive cooling system for the cabinet enables it to cope with the elevated ambient temperatures.
Products AEG PS	Protect RCS 24-TPre150 battery charger

AEG Power Solutions chosen by Petronash to secure the power supply for gas process skids in a harsh environment

AEG PS will supply a customized solution, including battery chargers and nickel cadmium batteries, to provide a reliable power supply for the gas process skids. If mains power should fail, the AEG PS systems provide standby power to ensure safe shutdown.

The AEG PS equipment must be housed outdoors in an atmosphere containing significant levels of highly corrosive hydrogen sulphide (H₂S) gas and must cope with the ambient temperatures of up to 56°C experienced in the desert. The solution also requires a high IP65 ingress rating.

To meet these challenges, AEG PS designed a solution based on its Protect RCS 24-TPre150 battery charger, housed in a custom-designed 316L stainless steel cabinet. A custom-designed passive cooling system for the cabinet enables it to cope with the elevated ambient temperatures.

AEG PS was chosen due to its ability to come up with a highly-customized solution that met the demanding requirements and the long experience of supplying to the end customer, a major oil company in Saudi Arabia.