



Business references for DC charger over 1000A

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LEVER S.R.L

Viale del Lavoro 17 – 37024 Negrar (VR) – Italy – www.lever.it

Abu Dhabi Dept. of Energy: project Umm Al Nar power plant

Utilities

End User



Application

Utilities

Country

UAE

Heavy-duty industrial rectifiers for ADWEA/DoE Umm Al Nar power plant

- LEVER custom rectifier, output 110 V, 500 A
- LEVER custom rectifier, output 12 V, 120 A
- LEVER custom rectifier, output 110 V, **1100 A**
- LEVER custom rectifier, output 19.6 V, 350 A
- LEVER custom rectifier, output ± 24 V, 850 A (+V), 400 A (-V)
- LEVER custom rectifier, output ± 24 V, **2100 A (+V)**, **1100 A (-V)**
- Rectifiers provided with blocking diode and drop cells



U.A.E.
Abu Dhabi,
Umm Al Nar



▲ 2100 A / 1100 A
 ± 24 V rectifier

2100 A
rectifier bridge ▲



Power Generation Plant «Alessandro Volta» Montalto di Castro

Utilities

End User



Application

Utilities

Country

Italy



Industrial AC/DC UPS to power n°2 Turbines

- N.3 Industrial DC Charger 110V 1400 A
- N. 3 Inverter 50KVA
- N. 4 Distribution Boards
- N.2 Plante' battery, 3500Ah

4 Distribution boards ▼



▲ 110 V / 1400 A

Power Generation Plant «Fusina»

Utilities

End User



Application

Utilities

Country

Italy



Industrial DC UPS

- N.2 Rectifier 110V **1250A** (SME 110/1250)
- Power Center boards custom-designed
- N. 2 DC Distribution boards (with available coupling) 110V **1250A**, Icu 35kA, 60 MCBs, Segregation 3A, front operability of breakers.
- N. 2 AC Distribution boards 230V **400A**, Icu 25kA, 26 MCBs, Segregation 3A, front operability of breakers.
- PLC for alarms and breakers operation management. Key-Interlock procedure for AC bypass.
- DC distribution 110V (**300A & 150A**), AC distributions 230V (150A & 63A), Segregation 2B.
- IEC61850 protocol for signaling and measurements to DCS.



Vietnam Power Plant

Utilities

Application Utilities

Country Vietnam

Industrial DC UPS

- N.1 Rectifier 220V 3000A (SME 220/3x1000/SP)
- N.2 Rectifier 220V 2000A (SME 220/2x1000/SP)



Marsat – Steam Power Plant

Utilities

End User



Application

Utilities

Country

Algeria



Industrial DC UPS

- N.3 Rectifier 48V 1500A (SME 48/1500/SP)



▲ Marsat Plant on the coast

Hassi R'Mel - Fuel Power Plant

Utilities

End User **ABENGOA**

Application **Utilities**

Country **Algeria**

Industrial DC UPS

- N.2 Rectifier 125V 1200A (SME 125/1200)



Fincantieri Plant

Marine

End User **FINCANTIERI**

Application **Marine**

Country **Italy**



Industrial DC UPS

- N.4 Rectifier 30V 1250A (SME 30/1250)



Project

Marina Italiana – Seaport Plant

Marine

End User



Application

Marine

Country

Italy



Industrial DC UPS

- N.1 Rectifier 720V 3000A (SME 720/3000)



Thank you for



your attention

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