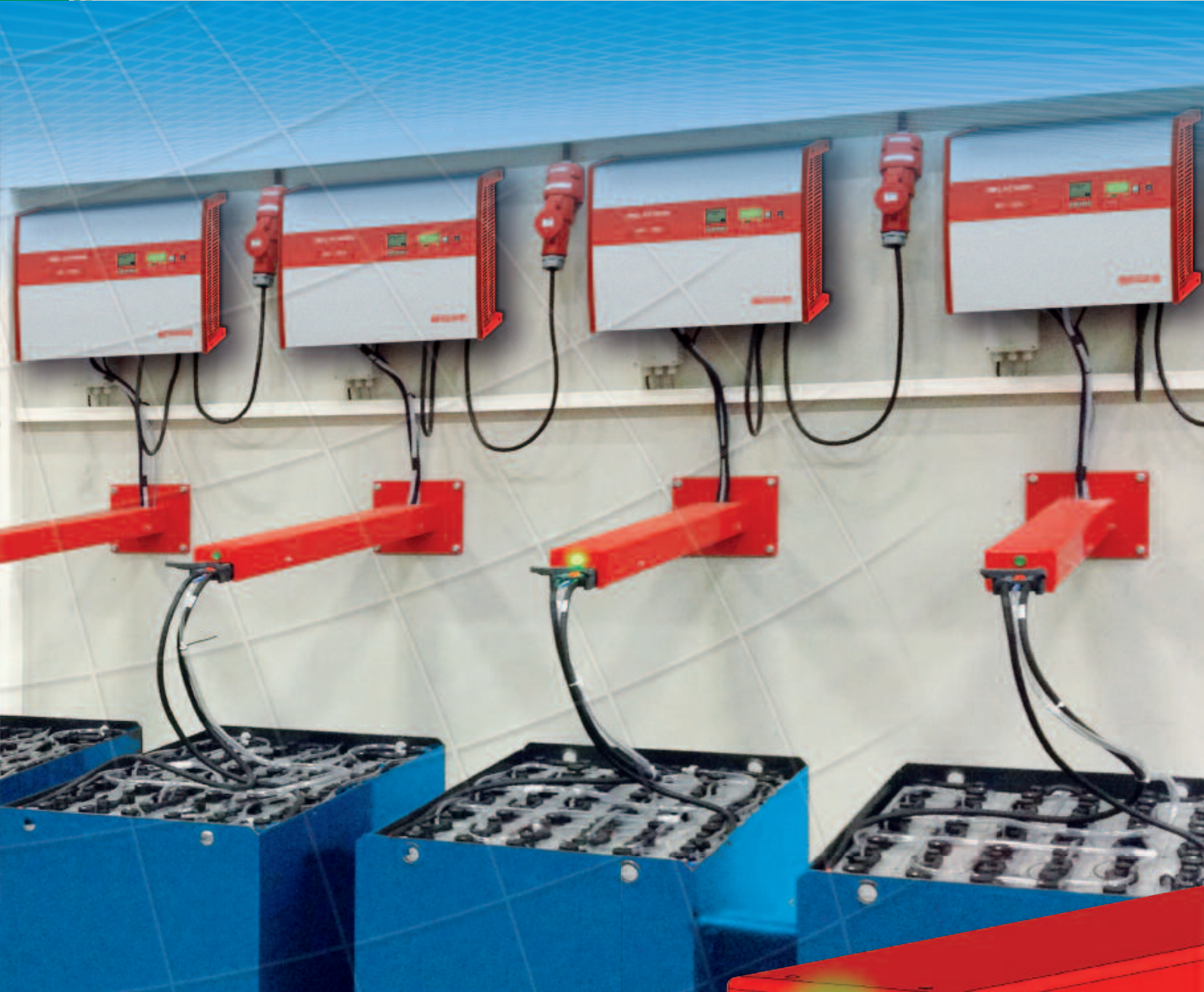
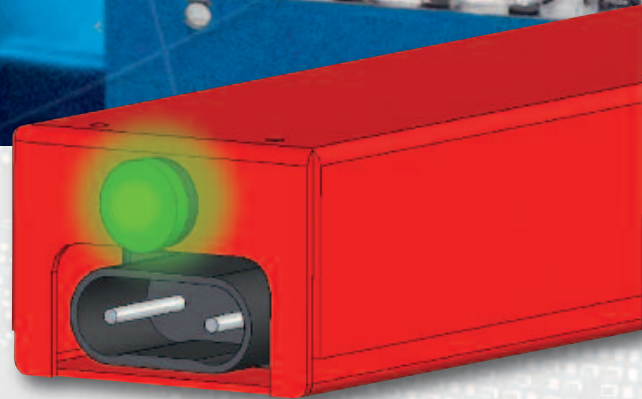


Excellent Technology, Efficiency and Quality



**NEXT!** Battery Selector  
Charge station signalling



## Always select the next fully charged battery.

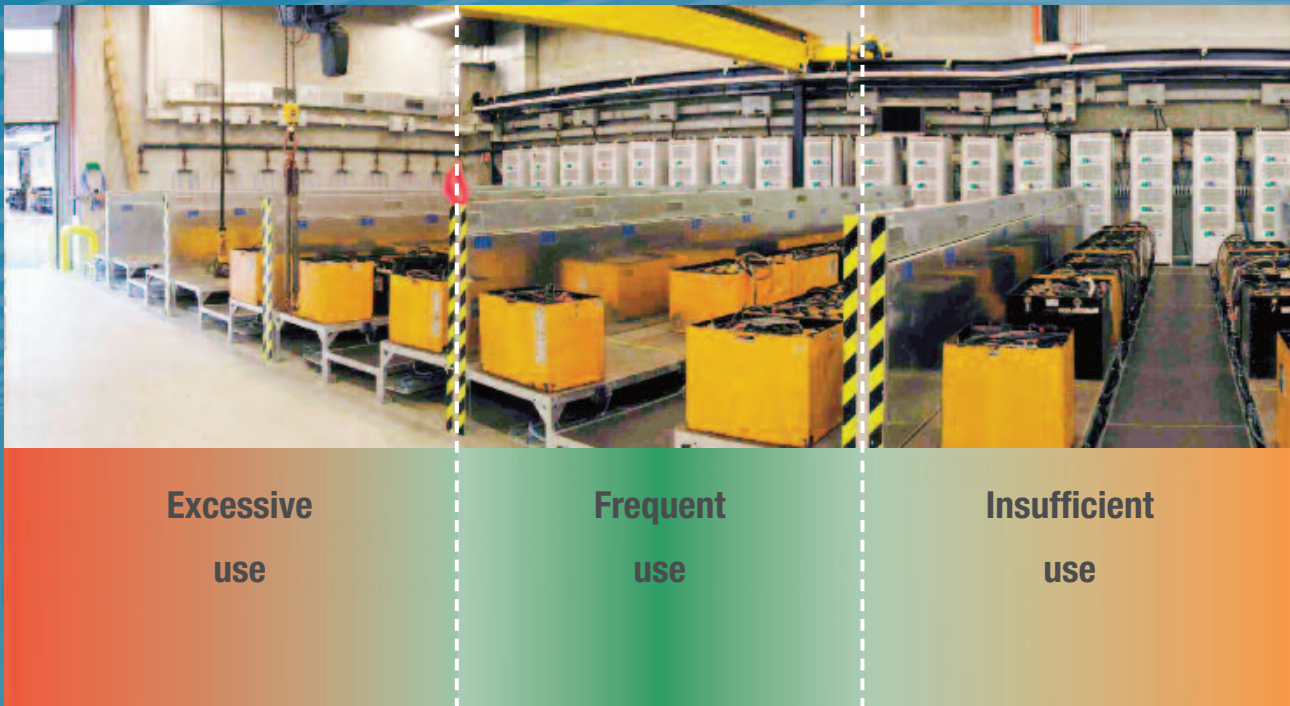


Fig. 1: Typically, the batteries being charged close to the loading point will be chosen first leading to unbalanced battery usage.

### Special features of the Next! Battery Selector

- **Optimises the use of replacement batteries**
- **Ensures the correct order of use after charging**
- **Extends the battery life**
- **Reduces maintenance costs**
- **Prevents selection errors due to distinct indicator lights**

### Irregular use of replacement batteries

In charging stations for industrial trucks, full charging and regular use of all batteries is very important for economic and trouble-free operation of the trucks.

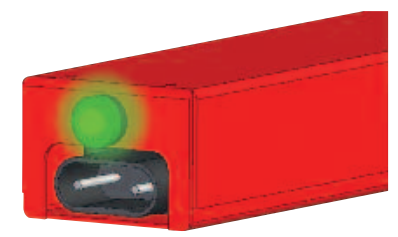
However, when replacing batteries - particularly during operation across shifts - the usage frequency of the individual batteries is often very different.

Usually when changing the batteries, those at the front of the charging station are given preference to those located in the centre and the rear.

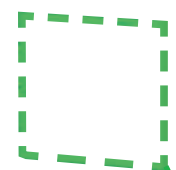
Consequently, batteries that are harder to access are used less frequently (fig. 1).

Over time, this irregular usage pattern can lead to a wide variation in the number of charging/discharging cycles for each individual battery. Equally, the storage period of the batteries in the charging station following recharge can also vary significantly.

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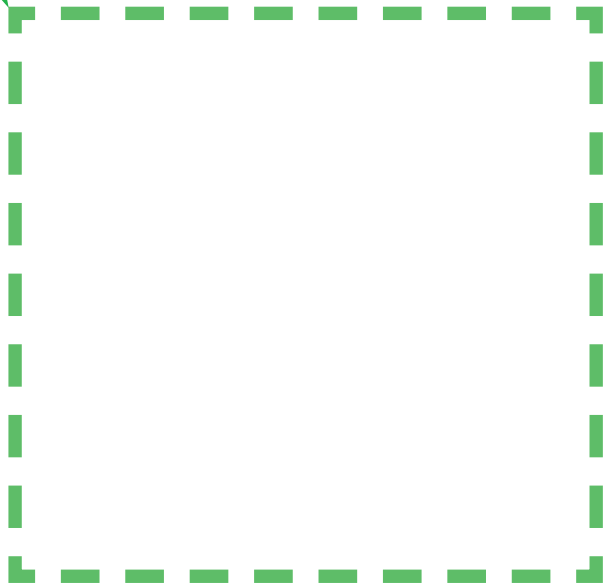
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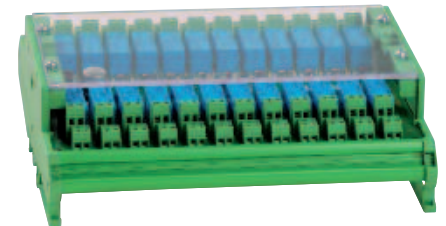
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## Clearly visible indicator lamps prevent selection errors



Fig. 6: BELATRON standard cabinet with indicator lamp



Fig. 7: BELATRON IS with indicator lamp

### Conceptual design drawing showing LED indicator lamp

The Next! Battery Selector interfaces with charger mounted LED indicator lamps or indicators that are remotely located.

Fig. 6 and 7 show mounting frame indicator lamps arranged on different BELATRON cabinets.

A very practical solution is shown in figure 8. Here, the charging plugs are installed together with built-in LED indicator lamps in square profile support arms.

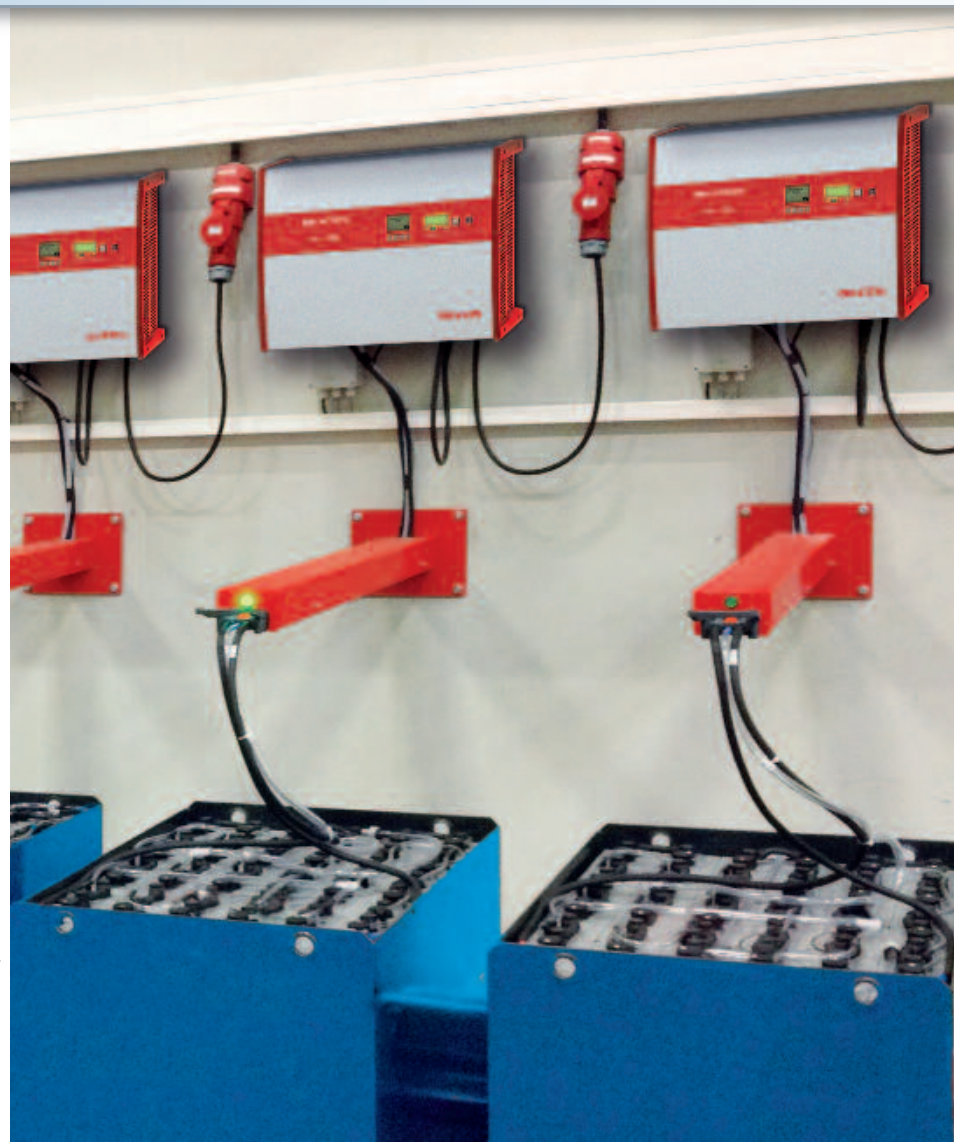
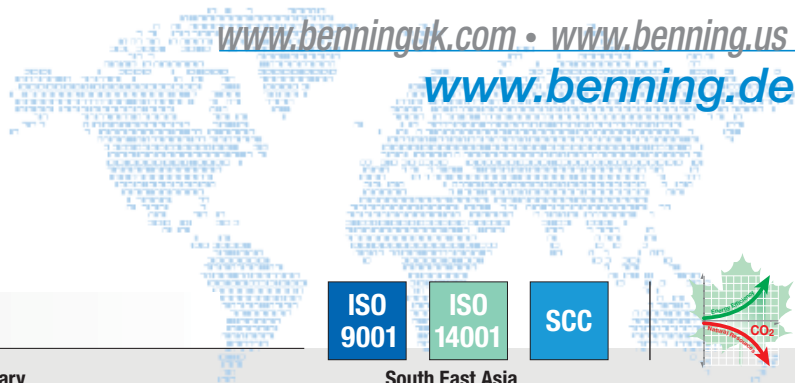


Fig. 8: Charge station with long support arms for charging plug connections and LED indicator lamps.



## BENNING worldwide

### Austria

Benning GmbH  
Elektrotechnik und Elektronik  
Eduard-Klinger-Str. 9  
3423 ST. ANDRÄ-WÖRDERN  
Tel.: +43 (0) 22 42 / 3 24 16-0  
Fax: +43 (0) 22 42 / 3 24 23  
E-mail: info@benning.at

### Belarus

1000 BENNING  
ul. Belorusskaya, 51-25  
224025, BREST, REPUBLIK BELARUS  
Tel.: +375 (0) 1 62 / 97 47 82  
Fax: +375 (0) 1 62 / 29 33 77  
E-mail: info@benning.brest.by

### Belgium

Benning Belgium  
Power Electronics  
Z. 2 Essenestraat 16  
1740 TERNAT  
Tel.: +32 (0) 2 / 5 82 87 85  
Fax: +32 (0) 2 / 5 82 87 69  
E-mail: info@benning.be

### Croatia

Benning Zagreb d.o.o.  
Trnjanska 61  
10000 ZAGREB  
Tel.: +385 (0) 1 / 6 31 22 80  
Fax: +385 (0) 1 / 6 31 22 89  
E-mail: info@benning.hr

### Czech Republic

Benning CR, s.r.o.  
Zahradní ul. 894  
293 06 KOSMONOSY  
(Mladá Boleslav)  
Tel.: +420 / 3 26 72 10 03  
Fax: +420 / 3 26 72 25 33  
E-mail: odbyt@benning.cz

### France

Benning  
conversion d'énergie  
43, avenue Winston Churchill  
B.P. 418  
27404 LOUVIERS CEDEX  
Tel.: +33 (0) / 2 32 25 23 94  
Fax: +33 (0) / 2 32 25 13 95  
E-mail: info@benning.fr

### Germany

Benning Elektrotechnik und Elektronik  
GmbH & Co. KG  
Factory I: Münsterstr. 135-137  
Factory II: Robert-Bosch-Str. 20  
46397 BOCHOLT  
Tel.: +49 (0) 28 71 / 93-0  
Fax: +49 (0) 28 71 / 9 32 97  
E-mail: info@benning.de

### Great-Britain

Benning Power Electronics (UK) Ltd.  
Oakley House  
Hogwood Lane  
Finchampstead  
BERKSHIRE  
RG 40 4QW  
Tel.: +44 (0) 1 18 / 9 73 15 06  
Fax: +44 (0) 1 18 / 9 73 15 08  
E-mail: info@benninguk.com

### Hungary

Benning Kft.  
Power Electronics  
Rákóczi út 145  
2541 LÁBATLAN  
Tel.: +36 (0) 33 / 50 76 00  
Fax: +36 (0) 33 / 50 76 01  
E-mail: benning@vnet.hu

### Italy

Benning Conversione di Energia S.r.l.  
Via 2 Giugno 1946, 8/B  
40033 CASALECCHIO DI RENO (BO)  
Tel.: +39 0 51 / 75 88 00  
Fax: +39 0 51 / 6 16 76 55  
E-mail: info@benningitalia.com

### Netherlands

Benning NL  
Power Electronics  
Peppelkade 42  
3992 AK HOUTEN  
Tel.: +31 (0) 30 / 6 34 60 10  
Fax: +31 (0) 30 / 6 34 60 20  
E-mail: info@benning.nl

### Poland

Benning Power Electronics Sp. z o.o.  
Korczykowska 30  
05-503 GŁOSKÓW  
Tel.: +48 (0) 22 / 7 57 84 53  
Fax: +48 (0) 22 / 7 57 84 52  
E-mail: biuro@benning.biz

### P. R. China

Benning Power Electronics (Beijing) Co., Ltd.  
Tongzhou Industrial Development Zone  
1-B BeiEr Street  
101113 BEIJING  
Tel.: +86 (0) 10 / 61 56 85 88  
Fax: +86 (0) 10 / 61 50 62 00  
E-mail: info@benning.cn

### Russian Federation

Russian Federation  
000 Benning Power Electronics  
Schelkovskoye chausse 5  
105122 MOSCOW  
Tel.: +7 4 95 / 9 67 68 50  
Fax: +7 4 95 / 9 67 68 51  
E-mail: benning@benning.ru

### Serbia

Benning Power Electronics doo  
Srbija  
Kornelija Stankovića 19  
11000 BEOGRAD  
Tel.: +381 (0) 11 / 3 44 20 73  
Fax: +381 (0) 11 / 3 44 20 73  
E-mail: info@benning.co.rs

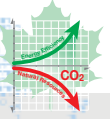
### Slovakia

Benning Slovensko, s.r.o.  
Kukuricná 17  
83103 BRATISLAVA  
Tel.: +421 (0) 2 / 44 45 99 42  
Fax: +421 (0) 2 / 44 45 50 05  
E-mail: benning@benning.sk

ISO  
9001

ISO  
14001

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### South East Asia

Benning Power Electronics Pte Ltd  
85, Defu Lane 10  
#05-00  
SINGAPORE 539218  
Tel.: +65 / 68 44 31 33  
Fax: +65 / 68 44 32 79  
E-mail: sales@benning.com.sg

### Spain

Benning Conversión de Energía S.A.  
C/Pico de Santa Catalina 2  
Pol. Ind. Los Linares  
28970 HUMANES, MADRID  
Tel.: +34 91 / 6 04 81 10  
Fax: +34 91 / 6 04 84 02  
E-mail: benning@benning.es

### Sweden

Benning Sweden AB  
Box 990, Hovslagarev. 3B  
19129 SOLLENTUNA  
Tel.: +46 (0) 8 / 6 23 95 00  
Fax: +46 (0) 8 / 96 97 72  
E-mail: power@benning.se

### Switzerland

Benning Power Electronics GmbH  
Industriestrasse 6  
8305 DIETLIKON  
Tel.: +41 (0) 44 / 8 05 75 75  
Fax: +41 (0) 44 / 8 05 75 80  
E-mail: info@benning.ch

### Turkey

Benning GmbH  
Türkiye İrtibat Bürosu  
Can Sokak No: 7/B  
34742-KOZYATAĞI  
Kadıköy/İstanbul - Turkey  
Tel.: +90 (0) 2 16 / 4 45 71 46  
Fax: +90 (0) 2 16 / 4 45 71 47  
E-mail: b.dinler@benning.de

### Ukraine

Benning Power Electronics  
3 Sim'yi Sosninykh str.  
03148 KYIV  
Tel.: +380 (0) 44 / 5 01 40 45  
Fax: +380 (0) 44 / 2 73 57 49  
E-mail: info@benning.ua

### U.S.A.

Benning Power Electronics, Inc.  
1220 Presidential Drive  
RICHARDSON, TEXAS 75081  
Tel.: +1 2 14 / 5 53 14 44  
Fax: +1 2 14 / 5 53 13 55  
E-mail: sales@benning.us

**BENNING**