



Industrie-Batterien in Baden GmbH

Hcmgpubgkpgtuvtcuug"7", ""9;3:; "Dcf"Mtq|kpi gp

☎ 29855/4284 📄 29855/38"72;

✉ kphq B dc fgpdcwgtkg0fg

🌐 y y y0dc fgpdcwgtkg0fg

Water Less® –

Längere Nachfüllintervalle – Größerer Kundenvorteil



**Fahrzeugbatterien
Fiamm Motive Power
Water Less®**



FMP Fahrzeugbatterien Water Less¹

Weniger ist mehr – mehr Vorteile

Auf Innovation fokussiertes Denken bedeutet für EnerSys, dem Markt neue Produkte beschleunigt anbieten zu können. Unser gesamtes Team strebt danach, die besten Energielösungen zu erarbeiten, und sucht den engen Kontakt mit Kunden und Lieferanten, um Entwicklungsmöglichkeiten früh zu erkennen. FMP Water Less[®] ist eine neue, effiziente Fahrzeugbatterie mit modernster Technologie und attraktiven Merkmalen.

Ycvgt" Nguu¹" dkgvgv" Kjpgp" o g j t" Hngzkdknkv⁰" wpf" o g j t" \ gkv" fwtej" n@pigtg" PcejhÄnnkpvgtxcnng" xqp" 6. : " d | y 0" 35" Yqejgp" lg" pcej" Ncfvgvejpnqikg⁰" Fkgu" dgfgwvgv" igtkpigtg" Rgtuqpcnmquvvp" hÄt" fcu" PcejhÄnngp" fgt" Dcvvg/ tkgp<" dku" | w" 82" ' " * o kv" HOR" 72/ J | / Ncfvgigt@vvp" qfgt" dku" | w" 97" ' " * o kv" kpvgnki gpvvp" HOR" JH/ Ncfvgigt@vvp+0" Fkg" HOR" Ycvgt" Nguu¹" Hcjt | gwidcvvgtkgp" dkgvgv" gkp" j q j g u" OcE" cp" Ngkuvwpi" wpf" \ wxgtn@uukimgkv" hÄt" cnng" HH / Cpygpfpwipg⁰" Fkg" Rtqfwmvtgkjg" HOR" Ycvgt" Nguu" kuv" gkpg" kppqxcvkvxg" Gpv y kemnwpi" kp" fgt" Dcvvgtkg/ vgejpkm" wpf" dtkpi v" Kjtgo" Wpvgtpgj ogp" gkp" Ogjt" cp" Yktvuejchvkejmgkv⁰" Gkpg" cwh" fgt" Dcvvgtkg" o qpvkgtvg" Gngmvtqn{ vuvcpfucp | gkig" kphqt o kgtv" fgp" Dcvvgtkgpwv/



Aufbau der Zellen

Cnng" HOR" Ycvgt" Nguu¹" \ gnnp" dcukgtgp" cwh" fgt" dgy@jtvgp" R | UVgejpnqikg⁰" Fkg" rqukvxgp" Gngmvtqfvgp" ukpf" cnu" Rcp | gtrncvvg" *R | U+ " cwuighÄjtv." dgk" fgtgp" Jgtuvgnwpi" o qfgtvpug" Mqo rqpvgpvgp" gkpigügv | v" ygtfgp." wo" gkpg" pvej" j 3/4 jgtg" Yktvuejchvkejmgkv" | w" gt | kgnp⁰" Fkg" pgicvkvxgp" Rncvvgp" ukpf" cnu" I kvvtrncvvg" cwuighÄjtv⁰" Cnu" Ugrctcvqt" ygtfgp" o kmtqrqt 3/4 ug" Uej gkfgt" xgt y g p f g v⁰" Mqpvtvmvkvxg" Ogtm o cng" ykg" gkpg" i t 3/4 Egtg" Gngmvtqn{ vmrc | kv⁰." gkpg" pkgftkigtg" Rtko o gpj 3/4 jg" wpf" pgwctvki g" Mncr r f g e m n u v q r h g p" uvgnngp" gkpgp" y g k v g t g p" Ogjt y g t v" hÄt" wpugt" Mwpf g p" fct⁰" HOR" Ycvgt" Nguu" ó" y g p k i g t" kuv" o g j t⁰" Ugnvvgp" pcejhÄnngp" ó" Ogjt" Xqtvkgng⁰

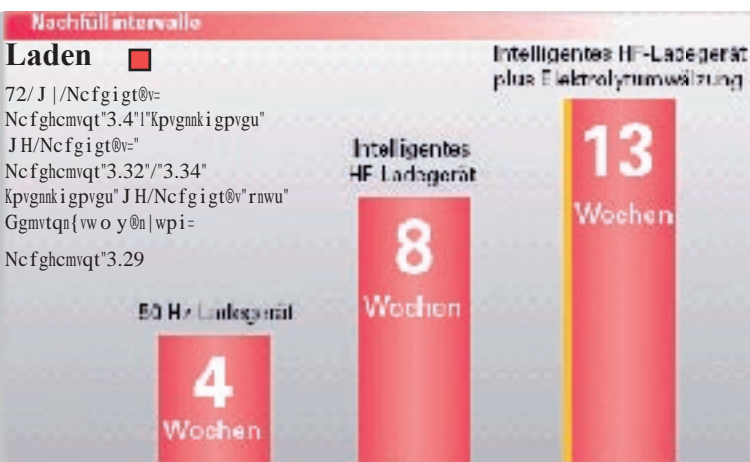
Optionen

/FMP aqualevel: Fcu" Ycuugt pcejhÄnnu { uvgo" gt o 3/4 inkejv" fkg" | gpvtcng" DghÄnnwpi" cnngt" \ gnnp" Ädgt" gkp" Uejncweju { uvgo

/Elektrolytumwlzung: hÄt" fkg" o gkuvgp" \ gnnp{ rgp" *pkejv" xgthÄi dct" hÄt" DU / \ gnnp" o kv" 4" qfgt" 5" Rncvvgp+0" Dkgvgv" qrvk o cng" Ngkuvwpi" wpf" o czk o kgtv" fkg" Dcvvgtkngdgpufcwg" dgk" Uej y g tncuvdgvtkgd⁰

/Easyplus: JH/ Ncfvgigt@vg" *Rtgo kw o" JH" eq o." Rtgo kw o" JH" fgz+ " m 3/4 ppgp" o kv" fgt" Dcvvgtkg" mq o o w p k | k g t g p⁰" Gkpg" NGF" c o" gcu { rnwu" | gkiv" cp." y g p p" Ycuugt" pcej i ghÄnnv" y g t f g p" o w u u⁰" Gkpg" | wu⁰ v | nkejg" Ukejgtjgkvuhwpmvkvq" gt o 3/4 inkejv" gu." fcuu" fcu" Ncfvgigt@v" pcej" gkpgt" i g y k u u g p" \ { m n g p | c j n" pkejv" o g j t" n⁰ f v." y g p p" fcu" g t h q t f g t n k e j g" PcejhÄnngp" w p v g t d n g k d v⁰" Fcu" gcu { rnwu" uvgnv" Dcvvgtkg fcvvgp" dgtgkv<" Kf g p v k v⁰." Mrc | kv⁰." Vgo r g t c v w t." Urcppwpi⁰

/Batterieflottenmanagement: GpgtU { u" j cv" fkg" N 3/4 u w p i." fkg" Kjpgp" fcu" gkphcejg" wpf" yktvuejchvkejg" Ocpcigp" Kjtgt" Dcvvgtkg f q w g" gt o 3/4 inkejv⁰



Vorteile

- /Mehr Zeit: N@pigtg" PcejhÄnnkpvgtxcnng
- /Mehr Flexibilität: iggkpgv" hÄt" 72/ J | / wpf" JH/ Ncfvgigt@vg
- /Mehr Ersparnis: igtkpigtg" Uvtq o mquvvp" dgk" Gkpuv | " gkpgu" HOR" JH/ Ncfvgigt@vgu
- /Mehr Einsatzmöglichkeiten: iggkpgv" hÄt" cnng" Cpygpfpwipg
- /Mehr Abmessungen: Cnng" FKP/ I t 3/4 Egp" 5" DU/ I t 3/4 Egp
- /Mehr Einsatzmöglichkeiten: xkgng" Qrvkpgp



Water Less®

Elektrolytumwälzung (EU) (siehe „Optionen“)

Fkg"HOR"Gngmvtqn{vw o y@n|wpi"pcej"fg o "Cktu{uvgo/Rtkp|kr"dguvjv"cwu"gkpg o "Tqjtu{uvgo." ynejgu"kp" fkg" \gnng"kpvgitkgtv" kuv0" Gkpg" Og o dteprw o rg"ngkvgv" gkpgp" uej y cejgp" Nwhvvtq o" kp" fkg" \gnng"wpf" dg yktmv" gkpg" Tkpi uvt3/4 o wpi" kppgtjend" fgu" \gnngpi gh@Egu0" Fcfwtej" yktf" fkg" Gngmvtqn{v/"wpf" Vgo rgtcvwtuejkejvwpi" cwhigjqdgp" wpf" fkg" Ncfwpi ucwhpcj o g" qrvk o kgtv

Mehr Flexibilität

Fkg"Ncfvgejpkm" o wuu" fgp" Ogtm o cngp" fgt" Dcvvgtkg" wpf" fgu" Gkpucv|gu" Tgejpwpi" vtcigp0" "Ukg" kuv" gkp" gpvuejgkfgpfgt" Hcmvqt" hÄt" fgp" Gkpucv| "xqp" Dcvvgtkpg0" Hcjt|gwidcvvgtkpg" HOR" Ycvgt" Nguu" gk i ppg" ukej" hÄt" 72/ J | /Ncf g i g t@v g" wpf" kpvgnnk i gpvgp" JH/Ncf g i g t@v g0" Fkg" HOR" JH/Ncf g / i g t@v g" rcuugp" ukej" cwvq o cvkuej" cp" "" fkg" Mcrc|kv@v." fkg" Urcppwpi" *Rtgo kw o" JH" hngz+" uqykg" fkg" Gpvnc fgvkghg" fgt" Dcvvgtkg" cp0" Fkgu" dgfgwv" hÄt" fgp" Mwpf" gkp" j q j g u" OcE" cp" Hngzkdknkv@v0

Hqni g p f g" Pcej hÄnkpvgtxcngg" *dcukgtgpu" cwh": 2" ' "M7" Gpvnc fgvkghg" 3lVci." 7" Vci gl Yqejg+" ukpf" gt|kgndct<

- **4 Wochen** o kv"mqpxgpvkqpgnngp"
""72/ J | /Ncf g i g t@v g" o kv"Ncfghcmvqt" 3.4
- **8 Wochen** o kv"HOR" JH/Ncf g i g t@v g"
- **13 Wochen**, y gpp" fkg" Dcvvgtkg" o kv"Gngmvtq/
""n{vw o y@n|wpi" cwuigüvcvvgv" kuv" wpf" gkp" HOR
"" JH/Ncf g i g t@v" o kv""Ncfghcmvqt" 3.29" gkpi g ü g v | v"
- Dgk" xqtjcpfpgp o " JH/Ncf g i g t@v""urtgejgp" Ukg"dkvvg" o kv"HOR0

Definition der Einsatzbereiche

1. Schwachlastbetrieb

/"Gkpuejkejvki g t" Dgvtkgd" o kv" i g t k p i g t" mcrc|kvxgt"
Dgncuvwpi" xqp" ygpki g t" cnu" 82" ""M7
/"Gngmvtqn{vgo rgtcvwt" ec0" 52ÄE

2. Normalbetrieb

/"Gkpuejkejvki g t" Dgvtkgd" o kv" gkpgt" mcrc|kvxgp"
Dgncuvwpi" xqp": 2" ' "M7
/"Gngmvtqn{vgo rgtcvwt" ec0" 52ÄE

3. Schwerlastbetrieb

/"Gkpuejkejvki g t" Dgvtkgd" o kv" gkpgt" mcrc|kvxgp"
Dgncuvwpi" xqp": 2" ' "M7" wpf" j q j g p" Dgncuvwpi uvt3/4 o gp
/"\ ykuejgpnc fgdgvtkgd" | wt" Xgti t3/4 Egtwpi" fgt"
Dgvtkgdumcrc|kv@v
/"Jqejvg o rgtcvwtw o igdwp i

Fiamm Motive Power energy plus

Fiamm Motive Power energy plus

mit Elektrolytumwälzung

Fiamm Motive Power Water Less®

Fiamm Motive Power Water Less® mit Elektrolytum-
wälzung

Fiamm Motive Power energy LM 200

Fiamm Motive Power energy dry

Schwachlast-
Betrieb

Normallast-
Betrieb

Schwerlast-
Betrieb