

ACES IP67 acculaders 300-5000W

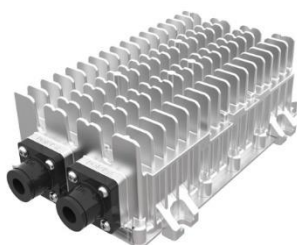
ACES IP67 acculaders zijn gebaseerd op de nieuwste technologieën die resulteren in een zeer compact formaat en een laag gewicht.

Dit wordt bereikt door hoogfrequente LLC-conversietechnologie met een zeer hoog rendement van maximaal 94%. Alle laders hebben Power Factor Correction (PFC) wat resulteert in een schone sinusvormige wisselstroom en de laagst mogelijke stroomafname van het net. De combinatie hiervan met een waterdicht IP67 ontwerp en een zeer hoge betrouwbaarheid maakt deze laders zeer aantrekkelijk voor vele toepassingen. Deze laders worden getest onder zware omstandigheden en meer dan 100000 werken al in veldtoepassingen.

De laders zijn verkrijgbaar in 6 vermogensklassen van 300, 700, 1350, 2000, 3300, 5000W voor Lithium of Loodzuur.

Model overview

| | Current (A) | | | | | | | | |
|----------|-------------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-50 | 50-60 | 80-100 |
| 12-16V | | | | | | | | | |
| 24-34V | | | | | | | | | |
| 36-51V | | | | | | | | | |
| 48-68V | | | | | | | | | |
| 60-85V | | | | | | | | | |
| 72-102V | | | | | | | | | |
| 80-113V | | | | | | | | | |
| 144-168V | | | | | | | | | |
| Model > | 300W | 700W | 1350W | | 2000W | | 3300W | | 5000W |



300W



700W



1350W



2000W



3300W

Acculaders voor de batterij typen

De ACES acculaders kunnen worden gebruikt voor de volgende accutypes:

- LA-serie
Loodzuuraccu's AGM en Flooded (niet geschikt voor GEL)
- LI-serie
Lithium Ion NMC- of NCA-batterijen
- LF-serie
Lithium Iron Fosfaat (LFP) batterijen Deze laders hebben een unieke celbalanceringsmodus aan het einde van het opladen

Technische specificatie 300-3300W 1phase ingangsmoedellen

- Ingangsspanning 170-264V ac; 45-65 Hz
- Efficiëntie: > 94%
- Vermogensfactor: > 0,99
- Ruis: <45...60 dBA
- Temperatuurbereik: -20... 45°C
- Beschermingsniveau: IP67
- Beschermingen: Over temperatuur, Omgekeerde polariteit, Kortsluiting, autostop, laden onder 0°C (Lithium)
- Vergrendelingsbeveiliging om weggrijden tijdens het opladen te voorkomen (niet op 700W-model)
- CAN-bus en 12V hulpuitgang (niet op 700W model)
- CE-certificering

5000W 3-fase ingangsmoedel met Bluetooth



Technische specificatie 5000W 3-fase invoermodel

- Ingangsspanning 260... 457V ac; 45-65 Hz
- Efficiëntie: 90%
- Vermogensfactor: > 0,95
- Ruis: <45... 60dBA
- Temperatuurbereik: -20... 45°C
- Beschermingsniveau: IP67
- Beschermingen: Over temperatuur, Omgekeerde verbinding, Stationair, Kortsluiting, autostop, last onder 0°C (Lithium)
- Vergrendelings-beveiliging als optie i.p.v. een CAN-bus is
- CAN-bus en 12V hulp-uitgang
- CE-certificering


Lijst van beschikbare modellen LA-serie

| Model name and Order code | Picture | Nominal Voltage (V) | Max. Charge Voltage (V) | Max. charge current (A) | Min Capacity (AH) | Max Capacity (Ah) | Battery type | Interlock protection | Temp comp 0°C protect | DC out Connector | DC out cable | Weight (kg) | Dimensions (mm) | IP rating |
|---------------------------------|---|---------------------|-------------------------|-------------------------|-------------------|-------------------|--------------|----------------------|-----------------------|------------------|--------------|-------------|-----------------|-----------|
| ABC300F-2412LA |  | 24 | 29,2 | 12 | 72 | 180 | LA | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC300F-4805LA |  | 48 | 58,4 | 5 | 30 | 80 | LA | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC700-2420LA |  | 24 | 29,4 | 20 | 120 | 320 | LA | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC900F-2430LA |  | 24 | 29,2 | 30 | 180 | 450 | LA | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC900F-4818LA |  | 48 | 58,4 | 18 | 100 | 250 | LA | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC1350-2425LA |  | 24 | 29,2 | 25 | 150 | 400 | LA | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-3630LA |  | 36 | 43,8 | 30 | 180 | 450 | LA | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-4825LA |  | 48 | 58,8 | 30 | 150 | 400 | LA | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-7218LA |  | 72 | 88,2 | 18 | 108 | 240 | LA | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC2000-2450LA |  | 24 | 29,4 | 50 | 300 | 800 | LA | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-4835LA |  | 48 | 58,8 | 35 | 210 | 500 | LA | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-7225LA |  | 72 | 88,2 | 25 | 150 | 400 | LA | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC5000-24100LA |  | 24 | 29,4 | 100 | 600 | 1600 | LA | CAN/BT | yes | SB175 | 3m 16mm2 | 18 | 419x282x101 | 67 |
| ABC5000-4880LA |  | 48 | 58,8 | 80 | 480 | 1280 | LA | CAN/BT | yes | SB175 | 3m 16mm2 | 18 | 419x282x101 | 67 |
| ABC5000-7260LA |  | 72 | 88,2 | 60 | 360 | 960 | LA | CAN/BT | yes | SB175 | 3m 10mm2 | 18 | 419x282x101 | 67 |

Lijst van beschikbare modellen LI-serie

| Model name and Order code | Picture | Nominal Voltage (V) | Max. Charge Voltage (V) | Max. charge current (A) | Min Capacity (AH) | Max Capacity (Ah) | Battery type | Interlock protection | Temp comp 0°c protect | DC out Connector | DC out cable | Weight (kg) | Dimensions (mm) | IP rating |
|--------------------------------|---|---------------------|-------------------------|-------------------------|-------------------|-------------------|--------------|----------------------|-----------------------|------------------|--------------|-------------|-----------------|-----------|
| ABC300F-2412LI |  | 24 | 29,4 | 12 | 12 | 100 | LI | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC300F-4805LI |  | 48 | 58,5 | 5 | 5 | 50 | LI | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC700-2420LI |  | 24 | 29,4 | 20 | 20 | 200 | LI | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC700-4810LI |  | 48 | 58,5 | 10 | 10 | 100 | LI | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC900F-2430LI |  | 24 | 29,4 | 30 | 30 | 300 | LI | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC900F-4818LI |  | 48 | 58,5 | 18 | 18 | 180 | LI | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC1350-2425LI |  | 24 | 29,4 | 50 | 25 | 250 | LI | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-4825LI |  | 48 | 58,5 | 25 | 25 | 250 | LI | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-7218LI |  | 72 | 84 | 18 | 18 | 180 | LI | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC2000-2450LI |  | 24 | 29,4 | 50 | 50 | 500 | LI | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-4835LI |  | 48 | 58,5 | 35 | 35 | 350 | LI | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-7225LI |  | 72 | 84 | 25 | 25 | 250 | LI | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC3300-4850LI |  | 48 | 58,5 | 50 | 50 | 500 | LI | yes | yes | SB50 | 3m 10mm2 | 6 | 350 x 188 x 99 | 67 |
| ABC3300-7235LI |  | 72 | 84 | 35 | 35 | 350 | LI | yes | yes | SB50 | 3m 10mm2 | 6 | 350 x 188 x 99 | 67 |
| ABC5000-4880LI |  | 48 | 58,5 | 80 | 80 | 350 | LI | CAN/BT | yes | SB175 | 3m 16mm2 | 18 | 419x282x101 | 67 |
| ABC5000-7260LI |  | 72 | 84 | 60 | 60 | 600 | LI | CAN/BT | yes | SB175 | 3m 10mm2 | 18 | 419x282x101 | 67 |
| ABC5000-8450LI |  | 84 | 100,8 | 50 | 50 | 500 | LI | CAN/BT | yes | SB175 | 3m 10mm2 | 18 | 419x282x101 | 67 |

Lijst van beschikbare modellen LF-serie

| Model name and Order code | Picture | Nominal Voltage (V) | Max. Charge Voltage (V) | Max. charge current (A) | Min Capacity (AH) | Max Capacity (Ah) | Battery type | Interlock protection | Temp comp 0°C protect | DC out Connector | DC out cable | Weight (kg) | Dimensions (mm) | IP rating |
|---------------------------------|---|---------------------|-------------------------|-------------------------|-------------------|-------------------|--------------|----------------------|-----------------------|------------------|--------------|-------------|-----------------|-----------|
| ABC300-2412LF |  | 24 | 29,4 | 12 | 12 | 100 | LFP | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC300-4805LF |  | 48 | 58,5 | 5 | 5 | 50 | LFP | yes | no | SB50 | 2m 4mm2 | 1,2 | 205x123x65 | 67 |
| ABC700-1220LF |  | 12 | 14,4 | 20 | 20 | 200 | LFP | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC700-2420LF |  | 24 | 28,8 | 20 | 20 | 200 | LFP | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC700-4810LF |  | 48 | 57,6 | 10 | 10 | 100 | LFP | no | no | SB50 | 2m 4mm2 | 2 | 187 x 123 x 68 | 67 |
| ABC900F-2430LF |  | 24 | 28,8 | 30 | 30 | 300 | LI/LFP | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC900F-4815LF |  | 48 | 57,6 | 18 | 18 | 180 | LI/LFP | yes | yes | SB50 | 2m 6mm2 | 3 | 231 x 136 x 72 | 67 |
| ABC1000-1260LF |  | 12 | 14,4 | 60 | 60 | 600 | LFP | no | yes | SB175 | 2m 6mm2 | 8,2 | 310 x 230 x 101 | 65 |
| ABC1350-2425LF |  | 24 | 28,8 | 50 | 25 | 250 | LFP | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-4825LF |  | 48 | 57,6 | 25 | 25 | 250 | LFP | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC1350-7218LF |  | 72 | 84 | 18 | 18 | 180 | LFP | yes | yes | SB50 | 2m 6mm2 | 3,5 | 281 x 128 x 85 | 67 |
| ABC2000-2450LF |  | 24 | 28,8 | 50 | 50 | 500 | LFP | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-4835LF |  | 48 | 57,6 | 35 | 35 | 350 | LFP | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC2000-7225LF |  | 72 | 84 | 25 | 25 | 250 | LFP | yes | yes | SB50 | 3m 10mm2 | 4,5 | 282 x 181 x 98 | 67 |
| ABC3300-4850LF |  | 48 | 57,6 | 50 | 50 | 500 | LFP | yes | yes | SB50 | 3m 10mm2 | 6 | 350 x 188 x 99 | 67 |
| ABC3300-7235LF |  | 72 | 84 | 35 | 35 | 350 | LFP | yes | yes | SB50 | 3m 10mm2 | 6 | 350 x 188 x 99 | 67 |
| ABC5000-24100LF |  | 24 | 28,8 | 100 | 100 | 1000 | LA | CAN/BT | yes | SB175 | 3m 16mm2 | 18 | 419x282x101 | 67 |
| ABC5000-4880LF |  | 48 | 57,6 | 80 | 80 | 350 | LI/LFP | CAN/BT | yes | SB175 | 3m 16mm2 | 18 | 419x282x101 | 67 |
| ABC5000-7260LF |  | 72 | 82,8 / 86,4 | 60 | 60 | 600 | LI/LFP | CAN/BT | yes | SB175 | 3m 10mm2 | 18 | 419x282x101 | 67 |
| ABC5000-8450LF |  | 84 | 93,6 | 50 | 50 | 500 | LI/LFP | CAN/BT | yes | SB175 | 3m 10mm2 | 18 | 419x282x101 | 67 |