

intAct Premium-Power

Starter batteries | filled and charged
Completely maintenance free | calcium/calcium technology



intAct
Battery-Power

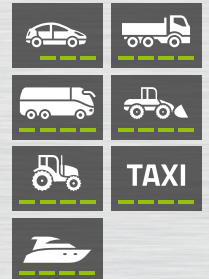
intAct Premium-Power

Starter batteries | filled and charged
 Completely maintenance free | calcium/calcium technology

The new Premium-Power with calcium+ technology is equipped with the ultra-morn safety system M.A.S.S. (anti-spilling system) aimed at preventing the spillage of the electrolyte even with prolonged position upside down (roll-over test). The M.A.S.S. safety system comprises a specially designed cover with innovative labyrinth seal as well as a charging control display and an integrated back-

flash protection. The batteries are manufactured with the latest calcium+ technology to guarantee minimal self-discharge and no need for maintenance. The extensive product range also includes batteries up to 245 AH which are manufactured with the new HVR technology as well.

HVR: High Vibration Resistance



| Battery | Volt | Capacity | Cold cranking amper | Purpose | Length mm | Width mm | Height mm | Position of terminal | Terminal | Hold down |
|---------|------|--------------|---------------------|---|-----------|----------|-----------|----------------------|----------|-----------|
| PP45MF | 12 | 45 AH (c20) | 450 A (EN) | 53646, 53653, 54317, 54324, 54459, 54519 | 207 | 175 | 175 | 0 | 1 | B13 |
| PP50MF | 12 | 50 AH (c20) | 540 A (EN) | 54459, 55010 | 207 | 175 | 190 | 0 | 1 | B13 |
| PP60MF | 12 | 60 AH (c20) | 600 A (EN) | 54519, 55046, 55427, 55559, 56077, 56111, 56219 | 242 | 175 | 175 | 0 | 1 | B13 |
| PP65MF | 12 | 65 AH (c20) | 640 A (EN) | 55559, 56219 | 242 | 175 | 190 | 0 | 1 | B13 |
| PP75MF | 12 | 75 AH (c20) | 720 A (EN) | 56318, 56420, 56530, 56638, 57114, 57113, 57412 | 278 | 175 | 175 | 0 | 1 | B13 |
| PP78MF | 12 | 78 AH (c20) | 760 A (EN) | 56638, 57412 | 278 | 175 | 190 | 0 | 1 | B13 |
| PP90MF | 12 | 90 AH (c20) | 720 A (EN) | 57539, 58035 | 315 | 175 | 190 | 0 | 1 | B13 |
| PP100MF | 12 | 100 AH (c20) | 900 A (EN) | 58515, 58827, 58838, 59219, 60038, 60044 | 353 | 175 | 190 | 0 | 1 | B13 |
| PP140MF | 12 | 140 AH (c20) | 760 A (EN) | 62034, 63530, 64020 | 513 | 189 | 223 | 3 | 1 | keine |
| PP180MF | 12 | 180 AH (c20) | 1100 A (EN) | 67018, 68032 | 513 | 223 | 223 | 3 | 1 | keine |
| PP230MF | 12 | 230 AH (c20) | 1150 A (EN) | 70027, 72512 | 518 | 276 | 242 | 3 | 1 | keine |

| | |
|--------------------------|---|
| Product line: | intAct Premium-Power, 12 V starter batteries |
| Model: | Calcium/calcium expanded metal technology |
| Status: | GUG = filled and charged |
| Quality: | OEM quality |
| Storage life: | Storage life up to nine months |
| Charging voltage: | Approved for charging voltage of up to 14.8 V |
| Magic eye: | Charging status control (PP45 – PP100) |

| | |
|--------------------|---|
| M.A.S.S.: | Premium-Power Anti Spilling System (roll-over test) + integrated backflash protection |
| Properties: | Completely maintenance free and sealed |
| Use: | Passenger cars – trucks – agricultural machinery – tractors – buses – construction equipment |
| HVR: | High Vibration Resistance (PP140/180/230) |