

## HVA 280



### Properties:

- Nominal voltage: 850V DC
- Nominal current: 40A (at 140°C)
- Ambient temperature: -40°C to +140°C
- Shielding: 360° wire to device
- IP-rating: IP67 / IP6k9k (plugged), IP2xb (open)
- Wire range: 2 to 5 mm<sup>2</sup>

### Applications:

- DC/DC-converter, battery charger, electric furnace, air conditioner, servo steering, high-voltage distribution

## HVA 630



### Properties:

- Nominal voltage: 850V DC
- Nominal current: 32A (at 140°C)
- Ambient temperature: -40°C to +140°C
- Shielding: 360° wire to device
- IP-rating: IP67 / IP6k9k (plugged), IP2xb (open)
- Wire range: 4 to 6 mm<sup>2</sup>

### Applications:

- Equipment, batteries, converter, e-engine

## HVP 800



### Properties:

- Nominal voltage: 1000V DC
- Nominal current: 250A (at 85°C)
- Ambient temperature: -40°C to +140°C
- Shielding: 360° wire to device
- IP-rating: IP67 / IP6k9k (plugged), IP2xb (open)
- Wire range: 16 to 50 mm<sup>2</sup>

### Applications:

- Equipment, batteries, converter, e-engine

## HVP1100



### Properties:

- Nominal voltage: 750V DC
- Nominal current: 300A (at 85°C)
- Ambient temperature: -40°C to +125°C
- Shielding: 360° wire to device
- IP-rating: IP67 / IP6k9k (plugged), IP2xb (open)
- Wire range: 50 to 70 mm<sup>2</sup>

### Applications:

- Equipment, batteries, converter, e-engine, high-voltage distribution

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## IPT



### Properties:

- Nominal voltage: 1000V DC
- Nominal current: 300A (at 105°C)
- Ambient temperature: -40°C to +140°C
- Shielding: 360° wire to device
- IP-rating: IP6k9k
- Ring tongue to cable connection
- Wire range: 16 to 50 mm<sup>2</sup>

### Applications:

- Equipment, batteries, converter, e-engine

## Manual Service Disconnect



### Properties:

- Nominal voltage: 1000V DC
- Nominal current: 240A (permanent)
- Optional with 200, 250, 350A fuse or shunt
- Ambient temperature: -40°C to +65°C
- IP-rating: IPx7, IP6k9k (plugged) / IP2xb (open)

### Applications:

- HV-batteries

## Charging Cable Type 2



### Properties:

- Sealed against moisture and corrosion
- Ambient temperature: -30°C to +50°C
- Mode 2: charging in household areas (16A)
- Mode 3: public charging / wall socket in household areas (32A)
- Max. engaging force 100Nm

## Charging Unit Type 2



### Properties:

- Monophase charging (16 / 32A, 480V)
- Triphase charging (32A)
- Ambient temperature: -30°C to +50°C
- Wire range: 4 to 6 mm<sup>2</sup> for supply voltage
- AC-charging interface
- DC-low voltage current charging possible

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