

➤ HFX - Singlephase 230Vac - Up to 1050W - 12/24V, 36V, 48V

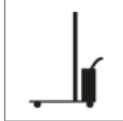



CODING (example)

| MODEL | V | A | CURVE code |
|-------|----------|----|------------|
| ▼ | ▼ | ▼ | ▼ |
| HFXD | 12 -- 24 | 30 | P00 |

HFX

| SUITABLE BATTERIES |
|------------------------|
| Lead acid - PzS |
| GEL - AGM - VRLA - PzV |
| Lithium - (on demand) |

| EXPECTED RECHARGE TIME |
|------------------------|
| 7-13,5h |

| MAIN APPLICATIONS | | | |
|--|---|---|---|
|  |  |  |  |



| | |
|--------|------------|
| P 10 | rev. 3 |
| 0↑ 12V | 327 Gel |
| 1↓ 24V | 117 Pb (*) |

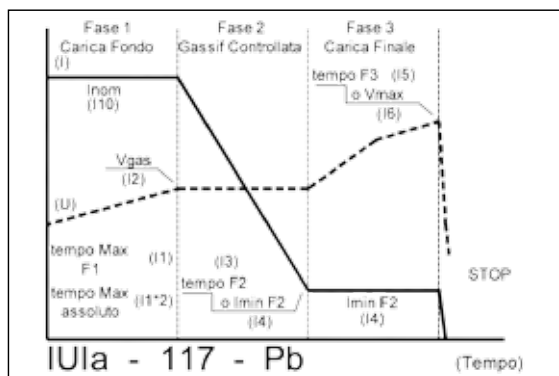


| MODELS AVAILABLE | | | | | | |
|------------------|----|-------|----------------|---------------|-----------------|--------------|
| V | A | VAC | CODE | Ah in 7-8,5h* | Ah in 11-13,5h* | cabinet code |
| 12 -- 24 | 25 | 1x230 | HFXD 12-24/ 25 | 116-173 | 235-282 | 2 |
| 12 -- 24 | 30 | 1x230 | HFXD 12-24/ 30 | 137-203 | 277-332 | 2 |
| 36 | 15 | 1x230 | HFXD 36/ 15 | 71-105 | 143-171 | 2 |
| 48 | 15 | 1x230 | HFXD 48/ 15 | 71-105 | 143-171 | 2 |

*Ah referred to lead acid batteries

MAIN CHARGING PROFILES AVAILABLE

| |
|-----------|
| IUa |
| IUoU |
| IUIa |
| IUIU |
| on demand |



GENERAL CHARACTERISTICS

| | |
|--------------------------------|--|
| General information | High Frequency charger - Switching technology |
| Visual Signalling | Single LED (3 colours) on the front side |
| External Signalling (optional) | Single LED (3 colours) |
| Charger setting | (by DIPs) Voltage (12-24) and Charging Profile (0-1) (by PC) 7 preset charging profiles, Ah, output current |
| Switch (on-off) | Present (near to the input cable) |
| Storage Data | Charger gives a Report of the last 25 charges and other information (by PC) |
| Operating Temperature | -20 to +40° full power +55°C with derating |
| Storage Temperature | -20 to +60° |
| Max Humidity | RH 90% without condensation |

ELECTRICAL CHARACTERISTICS AND SAFETIES

| | |
|-----------------------|---|
| Mains | Vac 230V (1ph) +/-10% 50-60Hz |
| Efficiency | >85% |
| Input Protection | Delay Fuse |
| Output Protection | By Relay (reverse polarity protection) |
| Thermal Protections | A probe on primary side forces a derating (fix value) A probe on the diodes forces a derating or stops charging if needed (can be set) |
| Insulation | 2 kV |
| Output short circuit | Protected (by undervoltage) Chargers shut down in few seconds |
| Opening Output Cables | Protected (by undervoltage) Chargers shut down in few seconds |

OPTIONALS

| | |
|-------------------------------|--------------------------------------|
| On board | Inhibitor cable - Vac presence relay |
| On board | Remote Led |
| On board | Curly cable |
| Stand alone / wall mounted | Cable holder |
| On board / stand alone / wall | Thermal coating |

MECHANICAL CHARACTERISTICS

| | |
|---------------------------|---|
| Dimension | 248 (L-body) 112 (W) 75(h) 275 (L- plate) mm. |
| Wall mounting | 50x260 mm |
| Protection Degree | IP20 (vertical) IP21 (horizontal) |
| Installation requirements | Forced ventilation charger. Do not cover air openings (distance 300mm typ.) |
| Weight | 1,88 Kg (without cables); 2,55 Kg (with std cables) |
| Input cable length | 2.350 mm (length) |
| Input Plug | Schuko 16A/250V (CEE 7/7) |
| Output cable | 2.400 mm (length) |
| Output Plug | Optional |
| Packaging | 330 (L) 290 (W) 105 (h) mm |

