

mobiSTEEL-1000 I-double-walled

steel-with solar pump set-30 W-F

Item number:	26 792 960
EAN:	4103810427329
Discount group:	D

Technical data

Delivery rate (l/d):	1000
Operating time (min/d), sun and clouds alternating:	approx. 15, bypass 1
Tank volume (l):	1000
UN approval:	un 31A/Z/....*/PL/SPAW-MAL/2364/1313
UN certificate:	UN/16/1476/11
Material of container:	Steel sheet
Material of end caps:	Steel sheet
Wall thickness (mm):	3
Color of container:	grey, RAL 7042
Colour of cover:	grey, RAL 7042
Pump	
Brand:	FMT Swiss AG
Pump design:	vane pump, selfpriming
Hydraulic data	
Delivery rate under free discharge up to (l/min) / (gpm):	54 / 14.3
Suction height up to (m) / (ft):	3 / 10
Discharge pressure up to (bar) / (psi):	1,8 / 26.1
Pumping media:	fuel oil and diesel
Motor data	
Voltage (V):	12 V DC
Power consumption (A):	30
Power (W):	360
Fuse (A):	40 A plug-in fuse
Safety class:	IP66
Insulation class:	F
Highest permissible limit temperature (°C) / (°F):	155 / 311
Duty cycle (min) under free discharge max.:	180
Run time (min) when dispensing valve is closed max.:	2
Torque (Nm):	0,66
Rotation speed (rpm):	2500
Type of construction:	IMB 5
Materials of parts in contact with liquid	
Seals:	FKM (Viton®)/NBR
Pump housing:	AlSi 12 (sea water resistant)
Rotor:	GG 25
Vane:	POM
Solar module	
Solar module type:	monocrystalline
Power (W):	30
Nominal voltage (V):	17,6

Open-circuit voltage (V):	22,5
Nominal current (A):	1,57
Short circuit current (A):	1,75
Digital in-line meter	
Temperature range (°C):	-10 / +60
Display:	5 digits display
Dimensions LxWxH (mm):	1500 x 1180 x 1260
Empty weight (kg):	563

Specification

- Vane pump, with integral bypass (23 406)
- Automatic solar charge controller (84 859)
- Charger, 230 V AC - 12 V DC (84 862)
- Battery, 12 V (84 904)
- In-line meter, digital (23 190)
- Automatic nozzle valve with swivel joint, ZVAD (23 176)
- Discharge hose, 6 m, DN 19, G 1" male, G 1" female (23 155 958)
- Double wall steel tank
- Tank truck connector (80 514)
- Level indicator (83 465 100)
- Overfill sensor (83 723)
- Ventilation valve (45 140)
- 1 Piece suction set G 1" for pump with vane, suction hose, non return valve and drainer
- 1 Piece suction set G 3/4" for power generator with suction hose, non return valve and drainer
- 1 piece connection for return line G 1/2" from power generator (89 010 002)
- Universal securing trap for shackle
- Lockable cap
- Solar module with cable, length 2,5 m (85 292)
- Diesel-exchange filter, 30 µm (23 209)

Special notes

- European ADR Certificate for transportation of dangerous liquids on public roads
- Fillable up to 90 % and transportable according to ADR
- Transportable by forklift and crane lugs
- 2 tanks could be stacked
- One battery charge is sufficient for a delivery volume of up to 6000 l or an operating time of the pump of 120 min (without recharging from the solar panel or the mains)
- Integrated filter holds back condensation water
- Level indicator, mechanical
- Manhole enables access to the inner tank
- 3 outlets for delivery/gazole return with closed cover

Packaging

Dimensions LxWxH (mm):	1500 x 1180 x 1285
Packing unit:	1,0