ENERBOX

Soccorritore anti-blackout per comando diretto di 1 o 2 pompe monofase
Anti-blackout system for direct control of 1 or 2 single-phase pumps
Anti-coupure pour le contrôle direct de 1 ou 2 pompes monophasées

450 → 2300 W

SERIE ENERBOX

- Alimentazione monofase 230V ± 10% 50Hz
- Uscita monofase 230V ± 10% 50Hz
- Forma d'onda di uscita pseudosinusoidale (con funzionamento a batteria)
- Predisposizione per collegamento batterie al GEL
- Circuito di blocco in caso di batterie scariche (con funzionamento a batteria)
- Display retroilluminato multifunzione, multilingue
- 5 led spia: mantenimento/carica/anomalia batterie/batterie scariche/on
- Pulsanti Up/Ok/Down
- Contaore interno
- Allarme sonoro integrato (buzzer)
- Fusibili di protezione
- Protezione da inversione polarità/sovraccarico/corto-circuito/sovratemperatura
- Ingresso contatto di comando e di allarme
- 3 uscite allarme
- Optional GSM quadriband
- Ventola di raffreddamento
- Sezionatore generale con manovra per spegnimento d'emergenza
- Predisposizione al collegamento di un dispositivo di sgancio d'emergenza esterno
- Uscita con pressacavi antistrappo
- Porta con serratura con chiave
- Involucro metallico verniciato a polveri
- Caricabatterie automatico con carica in tampone
- Autoprova impostabile

ENERBOX SERIES

- Single phase power supply 230V ± 10% 50Hz
- Single phase output 230V ± 10% 50Hz
- Pseudosinusoidal output waveform (battery operated)
- Predisposition for connecting batteries to the GEL
- Lockout circuit in case of low batteries (battery operated)
- Multifunction, multilingual backlit display
- 5 LED indicator: battery maintenance/charge/anomaly/low batteries/on
- Up/Ok /Down buttons
- Internal hour meter
- Integrated sound alarm (buzzer)
- Protection fuses
- Reverse polarity/overload protection/short-circuito/overtemperature
- Command and alarm contact input
- 3 alarm outputs
- Optional quad-band GSM
- Cooling fan
- General disconnector with operation for emergency shutdown
- Predisposition for connecting a external emergency release device
- Exit with strain relief cable glands
- Door with lock with key
- Powder coated metal casing
- Automatic charger with buffer charge
- Self-test settable

SÉRIE ENERBOX

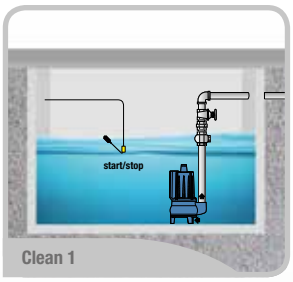
- Alimentation monophasée 230V ± 10% 50Hz
- Sortie monophasée 230V ± 10% 50Hz
- Forme d'onde de sortie pseudo-sinusoïdale (fonctionnant sur batterie)
- Prédisposition pour connecter les batteries au GEL
- Circuit de verrouillage en cas de piles faibles (fonctionnant sur batterie)
- Écran rétroéclairé multifonctionnel et multilingue
- Indicateur à 5 LED: entretien/charge de la batterie/anomalie/batterie faible/allumé
- Boutons Haut/Ok/Bas
- Compteur horaire interne
- Alarme sonore intégrée (buzzer)
- Fusibles de protection
- Protection contre les inversions de polarité/surcharge/court circuitito/surchauffe
- Entrée de contact de commande et d'alarme
- 3 sorties d'alarme
- GSM quadri-bande en option
- Ventilateur de refroidissement
- Sectionneur général avec fonctionnement pour arrêt d'urgence
- Prédisposition pour connecter un dispositif de déverrouillage d'urgence externe
- Sortie avec presse-étoupes
- Porte avec serrure à clé
- Boîtier en métal enduit de poudre
- Chargeur automatique avec charge tampon
- Autotest réglable

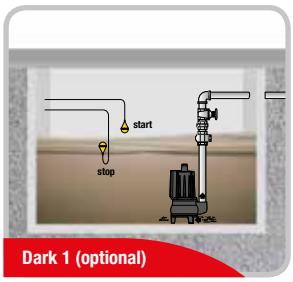
ENERBOX 900

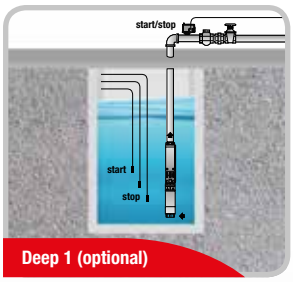
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

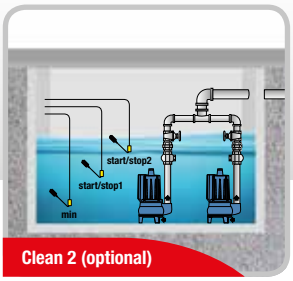
900 VA
450 W - 2,1 A

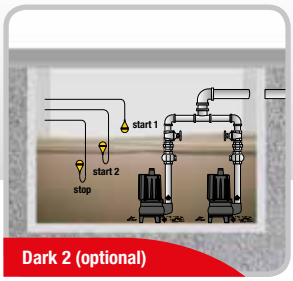
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

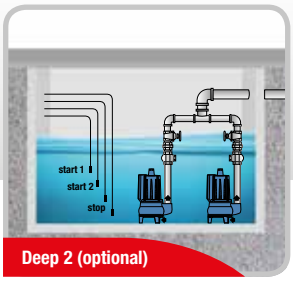












Enerbox 900 e kit completi
Enerbox 900 and complete kits
Enerbox 900 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 900 VA - 450 W - 3,1 A / anti-blackout 900 VA - 450 W - 3,1 A / anti-coupure 900 VA - 450 W - 3,1 A										
098.10	**ENERBOX 900**	-	-	-	-	-	500	400	220	19
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.11	**ENERBOX 900.1**	1h	2x50Ah	1	1	-	850	580	395	51
098.12	**ENERBOX 900.2**	2h	2x80Ah	1	1	-	850	580	395	55
098.13	**ENERBOX 900.3**	3h	2x100Ah	1	1	-	850	580	395	75
098.14	**ENERBOX 900.4**	4h	2x160Ah	2	1	-	1100	580	395	118
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.11	**ENERBOX 900.1 SG**	1h	2x54Ah	1	1	-	850	580	395	51
099.12	**ENERBOX 900.2 SG**	2h	2x80Ah	1	1	-	850	580	395	55
099.13	**ENERBOX 900.3 SG**	3h	2x100Ah	1	1	-	850	580	395	75
099.14	**ENERBOX 900.4 SG**	4h	4x80Ah	2	2	2	1100	580	395	101
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.15	**ENERBOX 900.1 GL**	1h 30'	2x65Ah	1	1	-	850	580	395	73
099.16	**ENERBOX 900.2 GL**	2h 30'	2x94Ah	1	1	-	850	580	395	91
099.17	**ENERBOX 900.3 GL**	3h	4x65Ah	2	2	2	1100	580	395	129
099.18	**ENERBOX 900.4 GL**	5h	4x94Ah	2	2	2	1100	580	395	165

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

COD. 156.41

Coperchio
Cover
Couvercles

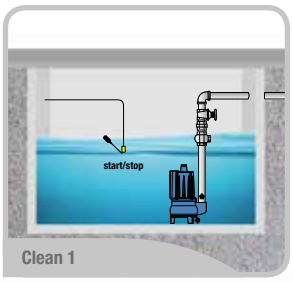
Optionals a pag. 50
Optionals on pag. 50
Option à la page 50

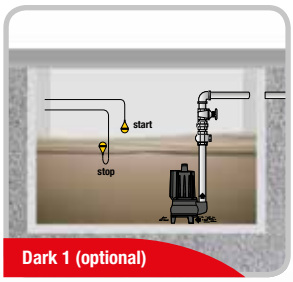
ENERBOX 1300

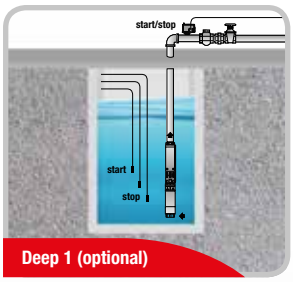
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

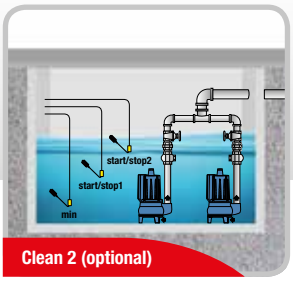
1300 VA
600 W - 4,8 A

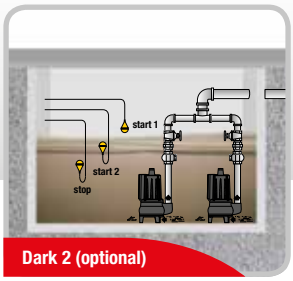
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

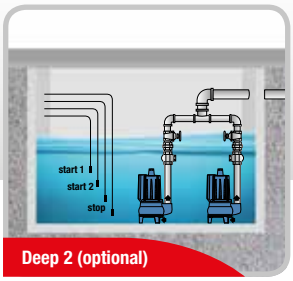












Enerbox 1300 e kit completi
Enerbox 1300 and complete kits
Enerbox 1300 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 1300 VA - 600 W - 4,8 A / anti-blackout 1300 VA - 600 W - 4,8 A / anti-coupure 1300 VA - 600 W - 4,8 A										
098.20	**ENERBOX 1300**	-	-	-	-	-	500	400	220	20
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.21	**ENERBOX 1300.1**	1h	2x80Ah	1	1	-	850	580	395	60
098.22	**ENERBOX 1300.2**	2h	2x100Ah	1	1	-	850	580	395	76
098.23	**ENERBOX 1300.3**	3h	2x160Ah	2	1	-	1100	580	395	119
098.24	**ENERBOX 1300.4**	4h	4x100Ah	2	2	2	1100	580	395	134
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.21	**ENERBOX 1300.1 SG**	1h	2x80Ah	1	1	-	850	580	395	60
099.22	**ENERBOX 1300.2 SG**	2h	2x100Ah	1	1	-	850	580	395	76
099.23	**ENERBOX 1300.3 SG**	3h	4x80Ah	2	2	2	1100	580	395	102
099.24	**ENERBOX 1300.4 SG**	4h	4x100Ah	2	2	2	1100	580	395	134
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.25	**ENERBOX 1300.1 GL**	1h	2x65Ah	1	1	-	850	580	395	74
099.26	**ENERBOX 1300.2 GL**	2h	2x94Ah	1	1	-	850	580	395	92
099.27	**ENERBOX 1300.3 GL**	2h 30'	4x65Ah	2	2	2	1100	580	395	130
099.28	**ENERBOX 1300.4 GL**	4h	4x94Ah	2	2	2	1100	580	395	166

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

Optionals a pag. 50

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

Optionals on pag. 50

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

Option à la page 50

COD. 156.41

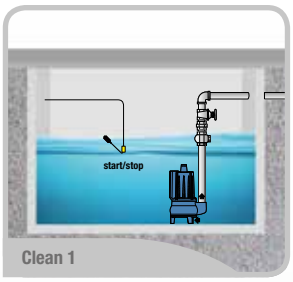
Coperchio
Cover
Couvercles

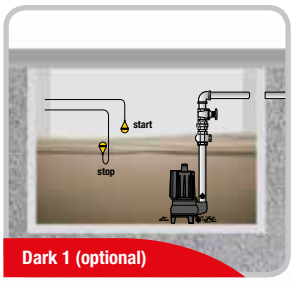
ENERBOX 1700

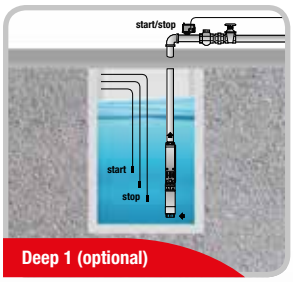
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

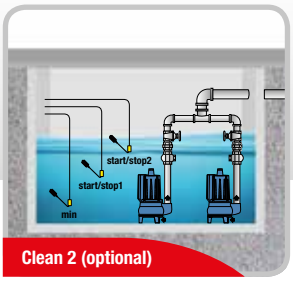
1700 VA
750 W - 6,1 A

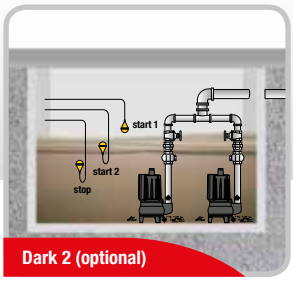
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

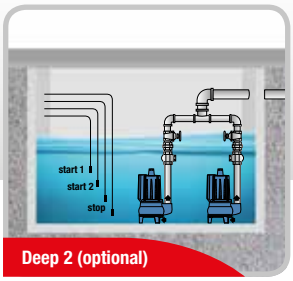












Enerbox 1700 e kit completi
Enerbox 1700 and complete kits
Enerbox 1700 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 1700 VA - 750 W - 6,1 A / anti-blackout 1700 VA - 750 W - 6,1 A / anti-coupure 1700 VA - 750 W - 6,1 A										
098.30	**ENERBOX 1700**	-	-	-	-	-	500	400	220	25
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.31	**ENERBOX 1700.1**	1h	2x100Ah	1	1	-	850	580	395	81
098.32	**ENERBOX 1700.2**	2h	2x160Ah	2	1	-	1100	580	395	124
098.33	**ENERBOX 1700.3**	3h	2x180Ah	2	1	-	1100	580	395	124
098.34	**ENERBOX 1700.4**	4h	4x160Ah	4	2	2	1600	580	395	225
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.31	**ENERBOX 1700.1 SG**	1h	2x100Ah	1	1	-	850	580	395	81
099.32	**ENERBOX 1700.2 SG**	2h	4x80Ah	2	2	2	1100	580	395	107
099.33	**ENERBOX 1700.3 SG**	3h	4x100Ah	2	2	2	1100	580	395	139
099.34	**ENERBOX 1700.4 SG**	4h	8x80Ah	3	4	6	1350	580	395	186
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.35	**ENERBOX 1700.1 GL**	1h	2x94Ah	1	1	-	850	580	395	97
099.36	**ENERBOX 1700.2 GL**	2h	4x65Ah	2	2	2	1100	580	395	135
099.37	**ENERBOX 1700.3 GL**	3h	4x94Ah	2	2	2	1100	580	395	171
099.38	**ENERBOX 1700.4 GL**	4h	8x65Ah	4	4	6	1600	580	395	247

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

COD. 156.41

Coperchio
Cover
Couvercles

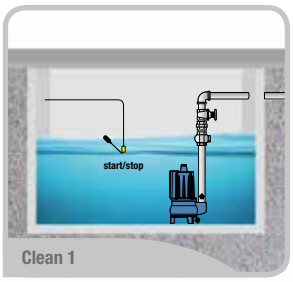
Optionals a pag. 50
Optionals on pag. 50
Option à la page 50

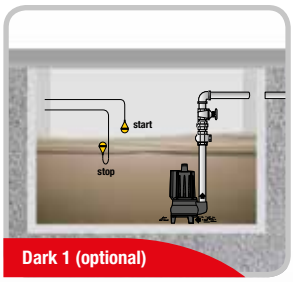
ENERBOX 2100

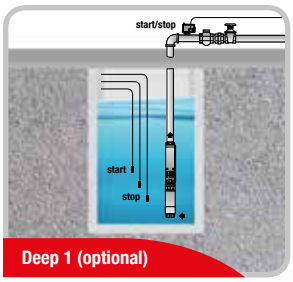
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

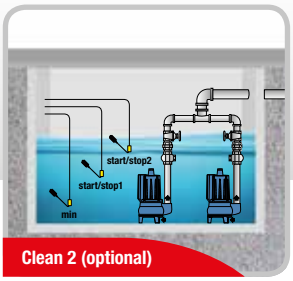
2100 VA
1100 W - 7,7 A

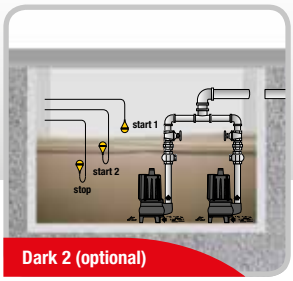
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

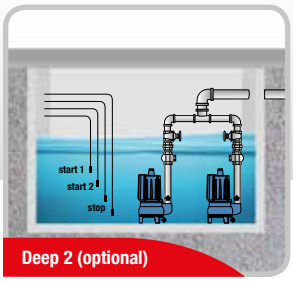












Enerbox 2100 e kit completi
Enerbox 2100 and complete kits
Enerbox 2100 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 2100 VA - 1100 W - 7,7 A / anti-blackout 2100 VA - 1100 W - 7,7 A / anti-coupure 2100 VA - 1100 W - 7,7 A										
098.40	**ENERBOX 2100**	-	-	-	-	-	500	400	220	26
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.41	**ENERBOX 2100.1**	1h	3x80Ah	1	2	-	850	580	395	84
098.42	**ENERBOX 2100.2**	2h	3x160Ah	3	2	-	1350	580	395	175
098.43	**ENERBOX 2100.3**	3h	3x180Ah	3	2	-	1350	580	395	175
098.44	**ENERBOX 2100.4**	4h	9x100Ah	3	6	4	1350	580	395	276
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.41	**ENERBOX 2100.1 SG**	1h	3x80Ah	1	2	-	850	580	395	84
099.42	**ENERBOX 2100.2 SG**	2h	6x80Ah	2	4	2	1100	580	395	144
099.43	**ENERBOX 2100.3 SG**	3h	6x100Ah	2	4	2	1100	580	395	192
099.44	**ENERBOX 2100.4 SG**	4h	9x100Ah	3	6	4	1350	580	395	276
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.45	**ENERBOX 2100.1 GL**	1h 40'	3x94Ah	1	2	-	850	580	395	132
099.46	**ENERBOX 2100.2 GL**	2h	6x65Ah	2	4	2	1100	580	395	186
099.47	**ENERBOX 2100.3 GL**	3h	6x94Ah	2	4	2	1100	580	395	240
099.48	**ENERBOX 2100.4 GL**	4h	9x94Ah	3	6	4	1350	580	395	348

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

Optionals a pag. 50

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

Optionals on pag. 50

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

Option à la page 50

COD. 156.41

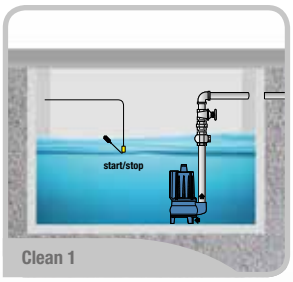
Coperchio
Cover
Couvercles

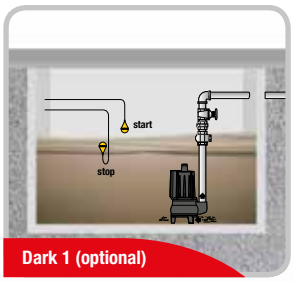
ENERBOX 2600

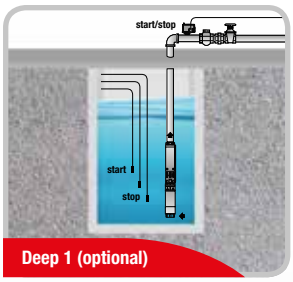
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

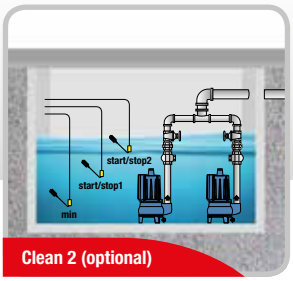
2600 VA
1300 W - 9,9 A

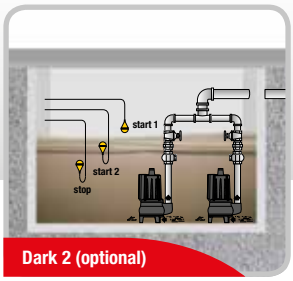
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

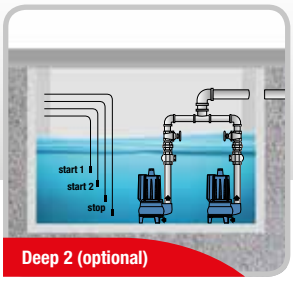












Enerbox 2600 e kit completi
Enerbox 2600 and complete kits
Enerbox 2600 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 2600 VA - 1300 W - 9,9 A / anti-blackout 2600 VA - 1300 W - 9,9 A / anti-coupure 2600 VA - 1300 W - 9,9 A										
098.50	**ENERBOX 2600**	-	-	-	-	-	500	400	220	28
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.51	**ENERBOX 2600.1**	1h	3x80Ah	1	2	-	850	580	395	86
098.52	**ENERBOX 2600.2**	2h	3x160Ah	3	2	-	1350	580	395	177
098.53	**ENERBOX 2600.3**	3h	3x180Ah	3	2	-	1350	580	395	177
098.54	**ENERBOX 2600.4**	4h	9x100Ah	3	6	4	1350	580	395	278
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.51	**ENERBOX 2600.1 SG**	1h	3x80Ah	1	2	-	850	580	395	86
099.52	**ENERBOX 2600.2 SG**	2h	6x80Ah	2	4	2	1100	580	395	146
099.53	**ENERBOX 2600.3 SG**	3h	6x100Ah	2	4	2	1100	580	395	194
099.54	**ENERBOX 2600.4 SG**	4h	9x100Ah	3	6	4	1350	580	395	278
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.55	**ENERBOX 2600.1 GL**	1h 15'	3x94Ah	1	2	-	850	580	395	134
099.56	**ENERBOX 2600.2 GL**	2h	6x65Ah	2	4	2	1100	580	395	188
099.57	**ENERBOX 2600.3 GL**	3h	6x94Ah	2	4	2	1100	580	395	242
099.58	**ENERBOX 2600.4 GL**	4h	9x94Ah	3	6	4	1350	580	395	350

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

COD. 156.41

Coperchio
Cover
Couvercles

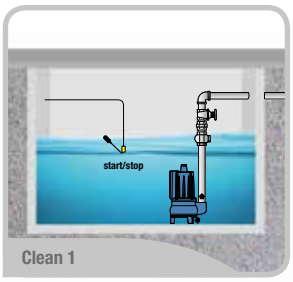
Optionals a pag. 50
Optionals on pag. 50
Option à la page 50

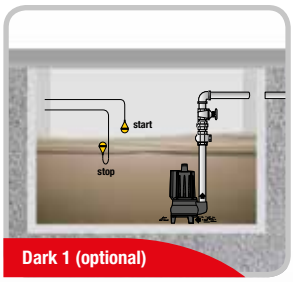
ENERBOX 3100

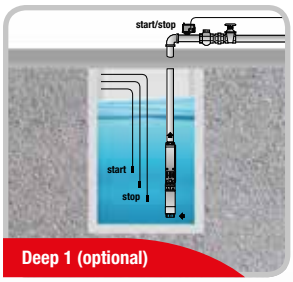
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

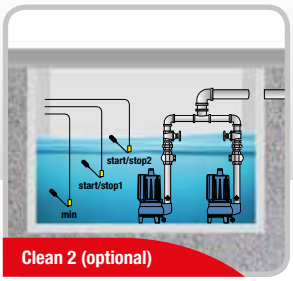
3100 VA
1500 W - 11,8 A

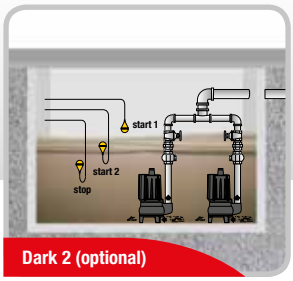
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

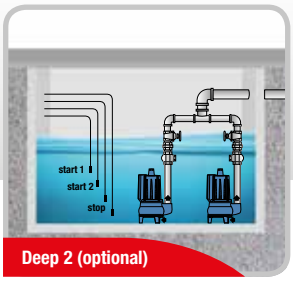












Enerbox 3100 e kit completi
Enerbox 3100 and complete kits
Enerbox 3100 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 3100 VA - 1500 W - 11,8 A / anti-blackout 3100 VA - 1500 W - 11,8 A / anti-coupure 3100 VA - 1500 W - 11,8 A										
098.60	**ENERBOX 3100**	-	-	-	-	-	500	400	220	32
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.61	**ENERBOX 3100.1**	1h	3x100Ah	1	2	-	850	580	395	114
098.62	**ENERBOX 3100.2**	2h	3x180Ah	3	2	-	1350	580	395	181
098.63	**ENERBOX 3100.3**	3h	9x100Ah	3	6	4	1350	580	395	282
098.64	**ENERBOX 3100.4**	4h	6x180Ah	6	4	2	2100	580	395	332
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.61	**ENERBOX 3100.1 SG**	1h	3x100Ah	1	2	-	850	580	395	114
099.62	**ENERBOX 3100.2 SG**	2h	6x100Ah	2	4	2	1100	580	395	198
099.63	**ENERBOX 3100.3 SG**	3h	9x100Ah	3	6	4	1350	580	395	282
099.64	**ENERBOX 3100.4 SG**	4h	12x100Ah	4	8	6	1600	580	395	366
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.65	**ENERBOX 3100.1 GL**	1h	3x94Ah	1	2	-	850	580	395	138
099.66	**ENERBOX 3100.2 GL**	2h	6x94Ah	2	4	2	1100	580	395	246
099.67	**ENERBOX 3100.3 GL**	3h	9x94Ah	3	6	4	1350	580	395	354
099.68	**ENERBOX 3100.4 GL**	4h	12x94Ah	4	8	6	1600	580	395	462

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

Optionals a pag. 50

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

Optionals on pag. 50

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

Option à la page 50

COD. 156.41

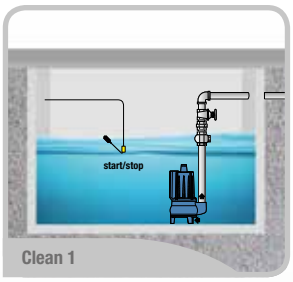
Coperchio
Cover
Couvercles

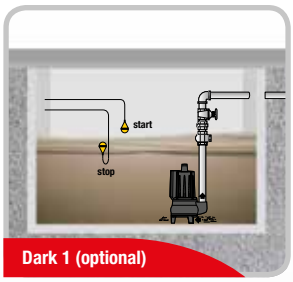
ENERBOX 4100

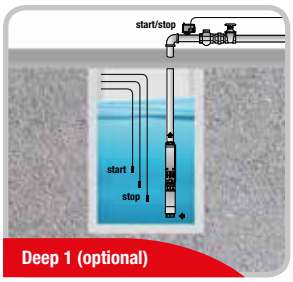
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

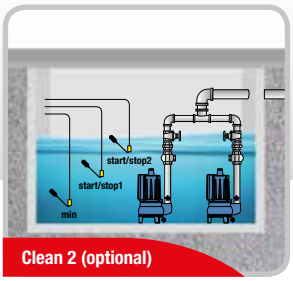
4100 VA
2000 W - 15,6 A

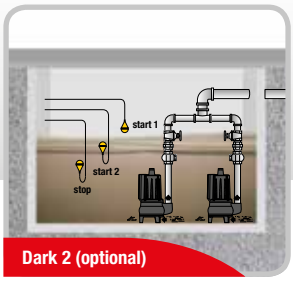
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

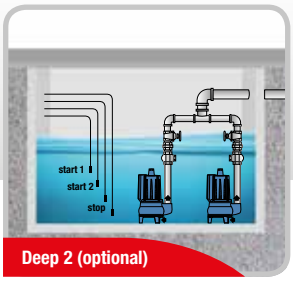












Enerbox 4100 e kit completi
Enerbox 4100 and complete kits
Enerbox 4100 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 4100 VA - 2000 W - 15,6 A / anti-blackout 4100 VA - 2000 W - 15,6 A / anti-coupure 4100 VA - 2000 W - 15,6 A										
098.70	**ENERBOX 4100**	-	-	-	-	-	500	400	220	38
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.71	**ENERBOX 4100.1**	30'	3x80Ah	1	2	-	850	580	395	96
098.72	**ENERBOX 4100.2**	1h	3x160Ah	3	2	-	1350	580	395	187
098.73	**ENERBOX 4100.3**	1h 30'	6x100Ah	2	4	2	1100	580	395	204
098.74	**ENERBOX 4100.4**	2h	6x160Ah	6	4	2	2100	580	395	338
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.71	**ENERBOX 4100.1 SG**	30'	3x80Ah	1	2	-	850	580	395	96
099.72	**ENERBOX 4100.2 SG**	1h	6x80Ah	2	4	2	1100	580	395	156
099.73	**ENERBOX 4100.3 SG**	1h 30'	6x100Ah	2	4	2	1100	580	395	204
099.74	**ENERBOX 4100.4 SG**	2h	12x80Ah	4	8	6	1600	580	395	276
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.75	**ENERBOX 4100.1 GL**	45'	3x94Ah	1	2	-	850	580	395	144
099.76	**ENERBOX 4100.2 GL**	1h	6x65Ah	2	4	2	1100	580	395	198
099.77	**ENERBOX 4100.3 GL**	1h 30'	6x94Ah	2	4	2	1100	580	395	252
099.78	**ENERBOX 4100.4 GL**	2h	9x94Ah	4	8	6	1600	580	395	360

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

Optionals a pag. 50

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

Optionals on pag. 50

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

Option à la page 50

COD. 156.41

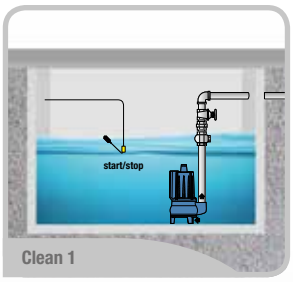
Coperchio
Cover
Couvercles

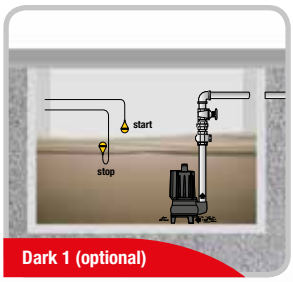
ENERBOX 5100

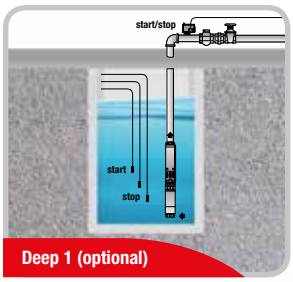
95% | LCD | 1~230 V IN | 1~230 V OUT | SA TYPE | IP 31 | +40° -5° °C | 50% @ 40°C

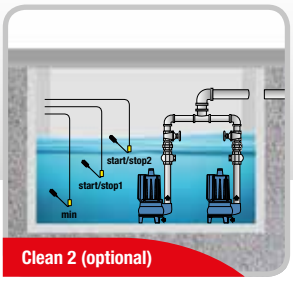
5100 VA
2300 W - 20 A

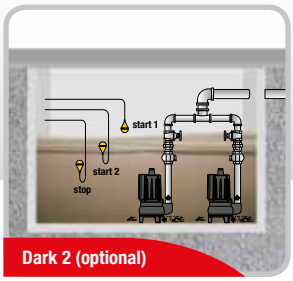
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

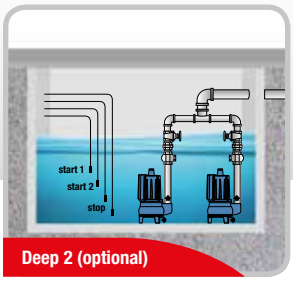












Enerbox 5100 e kit completi
Enerbox 5100 and complete kits
Enerbox 5100 et kits complets

COD.	MODELLO / MODEL	h	Ah		PB1	PB2	H mm	L mm	W mm	kg
soccorritore 5100 VA - 2300 W - 20 A / anti-blackout 5100 VA - 2300 W - 20 A / anti-coupure 5100 VA - 2300 W - 20 A										
098.80	**ENERBOX 5100**	-	-	-	-	-	500	400	220	44
*kit soccorritore completo di **batterie da trazione**, supporti e cavi / anti-blackout kit with **traction batteries**, supports and cables / kit anti-coupure complet avec **batteries de traction**, supports et câbles*										
098.81	**ENERBOX 5100.1**	30'	3x100Ah	1	2	-	850	580	395	126
098.82	**ENERBOX 5100.2**	1h	6x100Ah	2	4	2	1100	580	395	210
098.83	**ENERBOX 5100.3**	1h 30'	9x100Ah	3	6	4	1350	580	395	294
098.84	**ENERBOX 5100.4**	2h	6x180Ah	6	4	2	2100	580	395	344
*kit soccorritore completo di **batterie sigillate**, supporti e cavi / anti-blackout kit with **sealed batteries**, supports and cables / kit anti-coupure complet avec **batteries scellées**, supports et câbles*										
099.81	**ENERBOX 5100.1 SG**	30'	3x100Ah	1	2	-	850	580	395	126
099.82	**ENERBOX 5100.2 SG**	1h	6x100Ah	2	4	2	1100	580	395	210
099.83	**ENERBOX 5100.3 SG**	1h 30'	9x100Ah	3	6	4	1350	580	395	294
099.84	**ENERBOX 5100.4 SG**	2h	12x100Ah	4	8	6	1600	580	395	378
*kit soccorritore completo di **batterie ermetiche**, supporti e cavi / anti-blackout kit with **hermetic batteries**, supports and cables / kit anti-coupure complet avec **batteries hermétiques**, supports et câbles*										
099.85	**ENERBOX 5100.1 GL**	30'	3x94Ah	1	2	-	850	580	395	150
099.86	**ENERBOX 5100.2 GL**	1h	6x94Ah	2	4	2	1100	580	395	258
099.87	**ENERBOX 5100.3 GL**	1h 30'	9x94Ah	3	6	4	1350	580	395	366
099.88	**ENERBOX 5100.4 GL**	2h	12x94Ah	4	8	6	1600	580	395	474

OPTIONALS / OPTIONALS / OPTIONS

COD. 095.99

Kit GMS
GSM kit
Kit GSM

Optionals a pag. 50

COD. 156.02

Pannello Clean 2
Clean 2 control panel
Panneau Clean 2

COD. 156.04

Pannello Dark 2
Dark 2 control panel
Panneau Dark 2

Optionals on pag. 50

COD. 156.07

Pannello Deep 1
Deep 1 control panel
Panneau Deep 1

COD. 156.60

Zoccolo copricavi
Cable cover
Couvercle de câble

Option à la page 50

COD. 156.41

Coperchio
Cover
Couvercles

ENERBOX

Dimensionamento di un sistema antiallagamento
Sizing of an anti-flooding system
Dimensionnement d'un système anti-inondation

SCELTA DEL SOCCORRITORE / ANTI-BLACKOUT SYSTEM CHOICE / CHOIX DU KIT ANTI-COUPURE

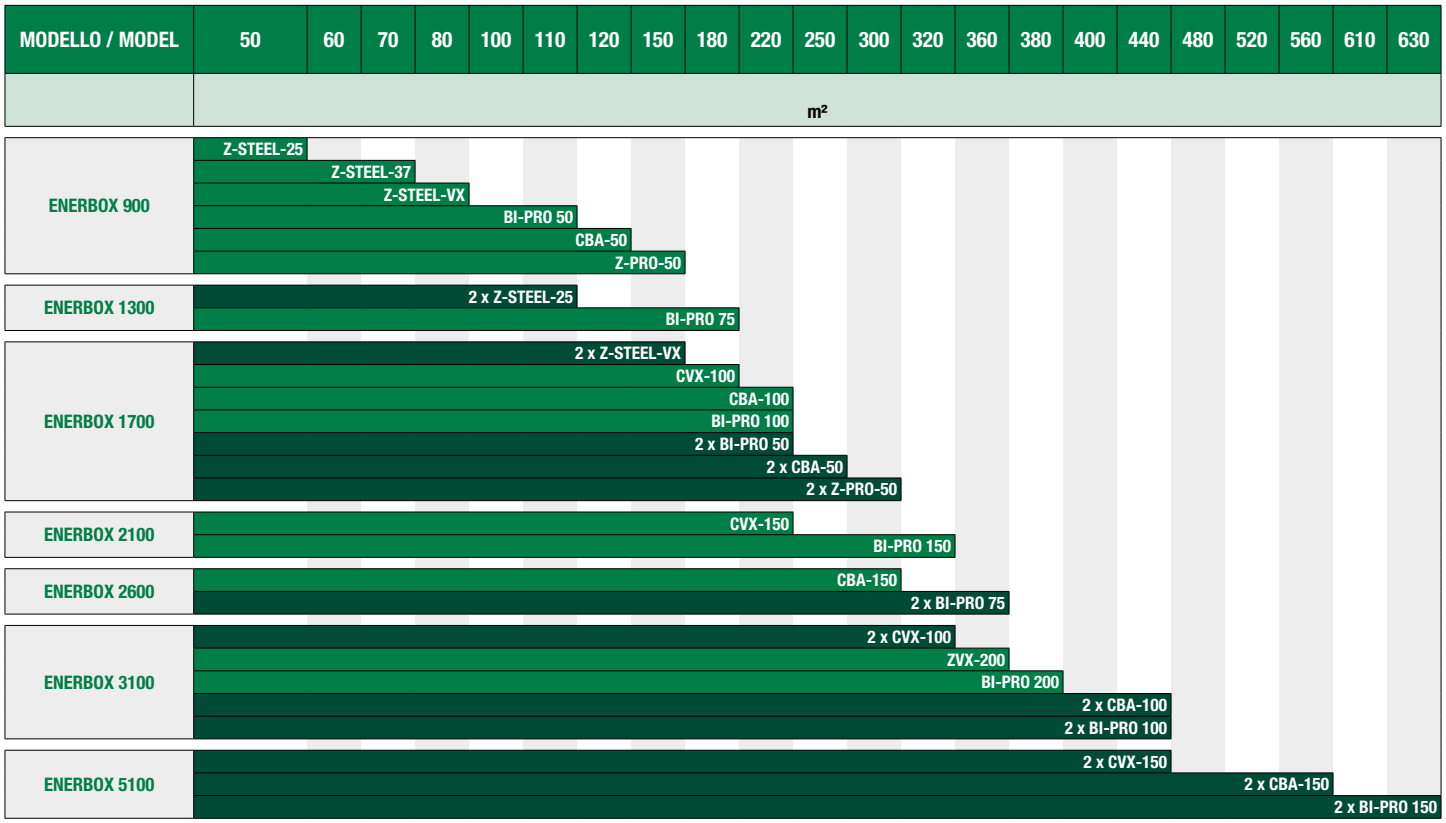


Tabella per la scelta del soccorritore in funzione della superficie scoperta alla pioggia con una prevalenza di 3 metri (funzione antiallagamento).

Per dimensionare correttamente un sistema antiallagamento bisogna considerare i seguenti quattro parametri:

Autonomia in assenza di energia elettrica
Si consiglia un'autonomia tra 1 e 2 ore, considerando che in caso di pioggia l'elettropompa, se dimensionata correttamente, si azionerà per 1 minuto ogni 10 e quindi per circa 6 minuti all'ora

Superficie scoperta alla pioggia (mq)
A questa superficie devono essere aggiunte le eventuali aree scoperte che possano riversare l'acqua sullo stesso scarico (tetto, lucernari, bocche di lupo, terrapieni, ecc.).
Esempio:
superficie area scoperta 128 mq. + superficie altre aree scoperte 22 mq. = superficie totale 150 mq

Prevalenza (metri)
Ovvero il dislivello tra l'elettropompa e il punto di scarico nella rete fognaria

Portata dell'elettropompa (l/min.)
Questo calcolo viene effettuato in modo molto semplice applicando la seguente formula che tiene conto anche delle perdite di carico (circa 20%).
Formula: (Superficie Totale + 20%) x 1,5* =
Esempio: (150+20%) x 1,5 = 270 litri/min.
Dovremmo, in questo caso, utilizzare una elettropompa da 270 litri al minuto.

Table for the choice of the anti blackout system according to the surface exposed to rain with 3 meters head of the pump (anti-flooding function).

To correctly size an anti-flooding system, the following four parameters must be considered:

Autonomy in case of black out
At least 1 or 2 hours autonomy is necessary because, in case of rain, the pump works for 1 minute every 10 (approximately 6 minutes per hour).

Well wet rain surface (mq)
For an accurate calculation of the water flow is necessary consider all the additionals open areas as roofs, skylights etc…
Example:
well wet rain surface of 128 sq. mt. + others well wet rain surfaces of total 22 sq. mt. = total well wet rain surface is 150 sq. mt.

Head (mt.)
It is the difference in altitude between the pump suction and the discharge of the sewage system.

Pump flow rate (l/min.)
It is the results of the multiplication of (total wet well rain surface + 20% of pressure drop) x 1,5 (K coefficient)
Example: (150 + 20%)x 1,5 = 270 l/m, in this case, we suggest an electropump of 270 l/min.

Tableau de choix du systeme anti coupure en fonction de la surface exposée à la pluie avec 3 mètres de tête de pompe (fonction anti-inondation).

Pour dimensionner correctement un système anti-inondation les éléments suivants doivent être considérés quatre paramètres:

Autonomie en l'absence d'électricité
Une autonomie entre 1 et 2 heures est recommandée, considérant qu'en cas de pluie la pompe électrique, s'il est correctement dimensionné, il fonctionnera pendant 1 minute toutes les 10, puis pendant environ 6 minutes par heure.

Surface non couverte sous la pluie (mq)
Les surfaces doivent être ajoutées à cette surface toutes les zones non couvertes qui pourraient se renverser l'eau sur le même drain (toit, puits de lumière, bouches de loups, remblais, etc.).
Exemple:
surface découverte de 128 mq + surface autres non couvertes 22 mq = surface 150 mq au total.

Tête (m)
La différence de hauteur entre la pompe électrique et le point de vidange dans le système d'égout.

Débit de la pompe électrique (l/min.)
Ce calcul se fait beaucoup simple en appliquant la formule suivante qui détient expliquent également les chutes de pression (environ 20%).
Formule: (Surface totale + 20%) x 1,5 (facteur K)* = Exemple: (150 + 20%) x 1,5 = 270 litres / min.
Dans ce cas, nous devons utiliser un pompe électrique de 270 litres par minute.

OPTIONALS ENERBOX

Optionals solo per la serie Enerbox
Optionals only for Enerbox series
Option uniquement pour la série Enerbox

PANNELLI DI CONTROLLO 1 POMPA
CONTROL PANELS 1 PUMP
PANNEAUX DE COMMANDE 1 POMPE

Plug and play con diverse logiche di funzionamento
Plug and play with different operating logics
Plug and play avec différentes logiques de fonctionnement

COD.	MODELLO / MODEL	AVVIAMENTO / STARTING	PROTEZIONE / PROTECTION
156.01	**CLEAN1 (STANDARD)**	1 galleggiante 1 float switch 1 flotteur	non presente not included non inclus
156.03	**DARK1**	2 galleggianti multicontact 2 multicontact float switches 2 flotteurs multicontacts	non presente not included non inclus
156.05	**TANK1**	1 pressostato/galleggiante 1 pressure switch/float switch 1 pressostat/flotteur	1 pressostato/galleggiante 1 pressure switch/float switch 1 pressostat/flotteur
156.07	**DEEP1**	sonde di livello level probes sondes de niveau	non presente not included non inclus

Test prova della pompa di serie (da software) — Automatic load test included (from software) — Test de pompe standard (à partir du software)

Pannello di controllo con display per comando carichi generici, completo di autotest settimanale del carico e di GSM optional per l'invio dei segnali: "mancanza rete", "rientro rete", "anomalia sistema", "sistema ripristinato" (l'invio del messaggio "anomalia di sistema" è temporizzabile per ricordare la scadenza del periodo di manutenzione pianifcato alle batterie).

Control panel with display for command generic loads, complete with weekly self-test load and GSM optional for sending signals: "Mains failure", "mains return", "anomaly system", "system restored" (sending the "system anomaly" message can be timed to remember the expiration of the period of scheduled maintenance on batteries).

Panneau de commande avec affichage pour la commande charges génériques, complètes avec auto-test hebdomadaire charge et GSM en option pour l'envoi de signaux: "Panne secteur", "retour secteur", "anomalie système", "système restauré" (envoi du le message "anomalie du système" peut être chronométré de se souvenir de l'expiration de la période de entretien programmé des batteries).

PANNELLI DI CONTROLLO 2 POMPE
CONTROL PANELS 2 PUMPS
PANNEAUX DE COMMANDE 2 POMPES

Plug and play con diverse logiche di funzionamento
Plug and play with different operating logics
Plug and play avec différentes logiques de fonctionnement

COD.	MODELLO / MODEL	AVVIAMENTO / STARTING	PROTEZIONE / PROTECTION
156.02	**CLEAN 2**	2 galleggianti 2 float switches 2 flotteurs	non presente not included non inclus
156.04	**DARK 2**	3 galleggianti multicontact 3 multicontact float switches 3 flotteurs multicontacts	presente included non inclus
156.00	**DEEP 2**	sonde di livello level probes sondes de niveau	non presente not included non inclus
156.06	**BOOSTER**	2 pressostati/galleggianti 2 pressure switches/float switches 2 pressostats/flotteurs	1 pressostato/galleggiante 1 pressure switch/float switch 1 pressostat/flotteur

COD.	MODELLO / MODEL	CARATTERISTICHE / FEATURES
156.08	**TEST 2 POMPE / 2 PUMPS**	Autotest periodico fino a 100 gg (con GSM invio di sms per anomalie) Periodical automatic test up to 100 days (with GSM warning message in case of failure) Auto-test périodique jusqu'à 100 jours (avec GSM envoi de sms pour les anomalies)
156.09	**KIT UNI11292**	Segnalazione remota allarmi con contatti puliti ("anomalia pompe", "pompa 1 in moto" e "pompa 2 in moto") Remote alarm signals with clean contacts ("pumps in failure", "pump 1 in function" and "pump 2 in function") Signalisation d'alarme à distance avec contacts propres ("anomalie de la pompe", "pompe 1 en marche" et "pompe 2 en marche")

Pannello di controllo con display per comando di 2 pompe, completo di alternanza pompe integrato, autotest e GSM optional per l'invio dei segnali: "mancanza rete", "rientro rete", "anomalia sistema", "sistema ripristinato" (l'invio del messaggio "anomalia sistema" è temporizzabile per ricordare la scadenza del periodo di manutenzione pianifcato alle batterie).

Control panel with display for command of 2 pumps, complete with pump alternation integrated, self-test and optional GSM for sending signals: "mains failure", "mains return", "anomaly system", "system restored" (sending the "system anomaly" message can be timed for remember the end of the maintenance period planned on batteries).

Control panel with display for command of 2 pumps, complete with pump alternation integrated, self-test and optional GSM for sending signals: "mains failure", "mains return", "anomaly system", "system restored" (sending the "system anomaly" message can be timed for remember the end of the maintenance period planned on batteries).

OPTIONALS ENERBOX

Optionals solo per la serie Enerbox
Optionals only for Enerbox series
Option uniquement pour la série Enerbox

Nei pannelli di controllo per due pompe CLEAN2, DARK2 e DEEP2 viene fornito di serie un adattatore, a seconda che venga installato o meno il sistema avrà logiche differenti.

Funzionamento senza adattatore

Una pompa viene alimentata da rete e una da soccorritore. In presenza di alimentazione da rete le pompe vengono attivate alternativamente ad ogni chiamata del galleggiante. In caso di intervento da parte del secondo galleggiante per l'aumento del livello d'acqua, verranno attivate contemporaneamente. In emergenza il soccorritore alimenterà esclusivamente la pompa corrispondente; in caso di guasto, si attiverà il sistema di sicurezza che commuterà l'alimentazione sulla pompa ferma. Abbinare due pompe con medesima potenza e dimensionare il soccorritore per il funzionamento di 1 pompa.

Funzionamento con adattatore

Entrambe le pompe vengono alimentate da soccorritore. Sia in presenza di alimentazione da rete che in emergenza le elettropompe vengono attivate alternativamente ad ogni chiamata del galleggiante. In caso di intervento da parte del secondo galleggiante per l'aumento del livello d'acqua, verranno attivate contemporaneamente. Dimensionare il soccorritore per il funzionamento di 2 pompe.

In the control panels for two pumps CLEAN2, DARK2 and DEEP2 comes an adapter is supplied as standard, depending on whether it is installed or not the system will have different logics.

Operation without adapter

One pump is powered from the mains and one from rescuer. With power from mains the pumps are activated alternately at each call of the float. In case of intervention by the second float for the increase in the water level will be activated at the same time. In emergency the rescuer it will only supply the corresponding pump; in case of failure, the security system will be activated which will switch the power to the pump stopped.
Combine two pumps with the same power e size the rescuer for the operation of 1 pump.

Operation with adapter

Both pumps are powered by rescuer. Whether in the presence of power from network that in emergency the electric pumps come activated alternately with each call from the floating. In case of intervention by the second float to increase the level of water, will be activated simultaneously. Size the rescuer for operation of 2 pumps.

Dans les panneaux de commande pour deux pompes CLEAN2, DARK2 et DEEP2 vient un adaptateur est fourni en standard, selon qu'il soit installé ou non, le système aura logiques différentes.

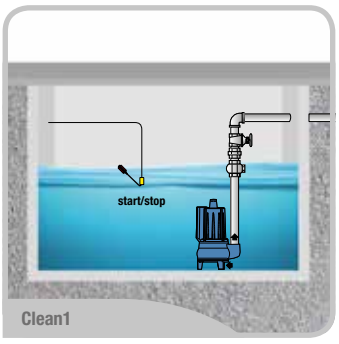
Fonctionnement sans adaptateur

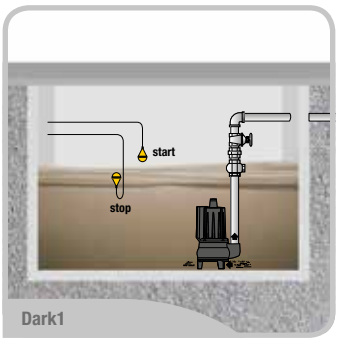
Une pompe est alimentée par le secteur et une par secouriste. Avec le pouvoir de les pompes sont activées en alternance à chaque appel du flotteur. En cas de intervention du deuxième flotteur pour l'augmentation du niveau d'eau sera activée au même moment. En cas d'urgence, le sauveteur il alimentera uniquement la pompe correspondante; en cas de panne, le système de sécurité sera activé qui commutera l'alimentation de la pompe à l'arrêt. Combinez deux pompes de même puissance e dimensionner le sauveteur pour le fonctionnement de 1 pompe.

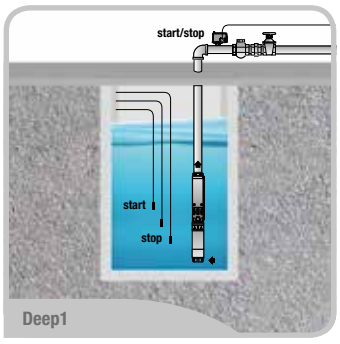
Fonctionnement avec adaptateur

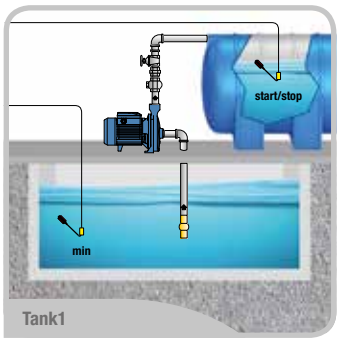
Les deux pompes sont alimentées par secouriste. Que ce soit en présence du pouvoir de réseau qu'en cas d'urgence les pompes électriques viennent activé alternativement à chaque appel du flotter. En cas d'intervention du deuxième flotteur pour augmenter le niveau d'eau, sera activé simultanément. Dimensionner le sauveteur pour l'opération de 2 pompes.

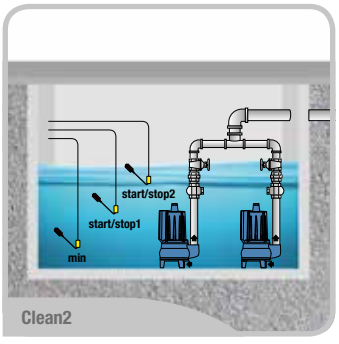
APPLICAZIONI TIPICHE / STANDARD APPLICATIONS / APPLICATIONS TYPIQUES

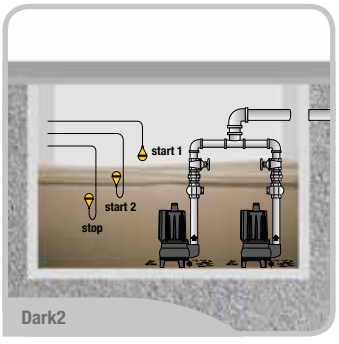


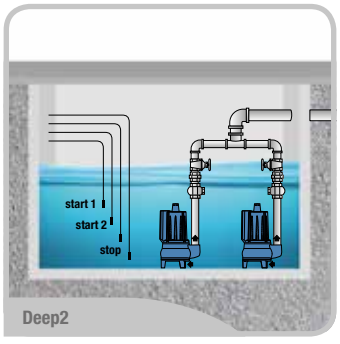


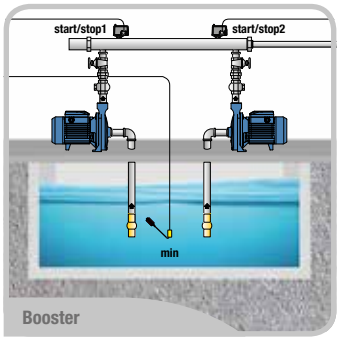












OPTIONALS ENERBOX

Optionals solo per la serie Enerbox
Optionals only for Enerbox series
Option uniquement pour la série Enerbox

KIT GSM
GSM KIT
KIT GSM

Modulo plug and play per il controllo remoto tramite SMS
Plug and play module for remote control via SMS
Module plug and play pour la télécommande via SMS

COD.	MODELLO / MODEL	CARATTERISTICHE / FEATURES		
095.99	**KIT GSM**	Telecontrollo GSM, antenna stilo e supporto metallico antenna	GSM remote distance control, whip antenna and antenna metal bearing	Télécommande GSM, antenne stylet et support d'antenne métallique

Il modulo GSM invia la segnalazione di eventuali anomalie di Enerbox o del carico, tramite SMS.
Gli SMS vengono inviati per gli eventi "anomalia di sistema", "mancanza tensione di rete", "rientro tensione di rete".
I messaggi possono avere fino a 120 caratteri ed è possibile l'inoltro contemporaneo degli stessi a sei utenti differenti.
I testi, contatti telefonici e tutte le impostazioni necessarie sono facilmente programmabili mediante semplici SMS di comando oppure tramite software con collegamento USB. SIM non inclusa.

Caratteristiche generali:
- GSM QUADRI BAND (900/1800 Mhz Europa, Asia e Africa, 850/1900 Mhz Americhe)
- Installazione interna plug and play
- Connettore antenna SMA
- Connettore USB
- Temperatura di esercizio -5°C÷45°C
- Consumo standby 40 mA
- Consumo invio/ricezione 100 mA
- 2 ingressi
- Norme 1995/5/EC–EN 301 511–EN 301 489-7–EN60950-1:2001.89/336/EEC

The GSM module sends the report of any anomalies of Enerbox or of the load, via SMS.
SMS are sent for events "anomaly system", "power failure", "return mains voltage".
Messages can be up to 120 characters long and it is simultaneous forwarding of the same to six is possible different users.
Texts, telephone contacts and all settings necessary are easily programmable by simple command SMS or by software with USB connection.
SIM not included.

General features:
- GSM QUADBAND (900/1800 Mhz Europe, Asia e Africa, 850/1900 Mhz Americas)
- Installation inside plug and play
- Antenna connector SMA
- Connector USB
- Operating temperature -5°C÷45°C
- Stand by consumption 40 mA
- Sending/receiving consumption 100 mA
- 2 input
- Standards 1995/5/EC–EN 301 511–EN 301 489-7–EN60950-1:2001.89/336/EEC

Le module GSM envoie le rapport de tout anomalies d'Enerbox ou de la charge, par SMS. SMS envoyés pour les événements "anomalie système", "panne de courant", "retour tension secteur".
Les messages peuvent contenir jusqu'à 120 caractères et il est la transmission simultanée du même à six est possible différents utilisateurs.
Textes, contacts téléphoniques et tous les paramètres nécessaires sont facilement programmables par simple commande SMS ou par logiciel avec connexion USB.
SIM non incluse.

Caractéristiques générales:
- GSM QUADRI BAND (900/1800 Mhz Europe, Asie et Afrique, 850/1900 Mhz Amériques)
- Installation interne plug and play
- Connecteur d'antenne SMA
- Connecteur USB
- Température de fonctionnement -5°C÷45°C
- Consommation en veille 40 mA
- Consommation envoyer / recevoir 100 mA
- 2 entrées
- Normes 1995/5/EC–EN 301 511–EN 301 489-7–EN60950-1:2001.89/336/EEC

COD.	CARATTERISTICHE / FEATURES		
156.10	Antenna GSM esterna (cavo 5m)	GSM outside antenna (cable 5m)	Antenne GSM externe (câble de 5 m)
156.11	Prolunga cavo antenna (5m)	Antenna cable extension (5m)	Rallonge de câble d'antenne (5 m)
156.12	Cavetto USB e software	USB cable and software	Câble USB et logiciel

SCHEDE DI RICAMBIO
SPARE PARTS DATASHEETS
FICHES PIÈCES DE RECHANGE

COD.	RIF. MODELLO / MODEL RIF.
110.16	**SCHEDA/MOTHERBOARD ECOBOX**
156.71	**SCHEDA/MOTHERBOARD ENERBOX 900**
156.72	**SCHEDA/MOTHERBOARD ENERBOX 1300**
156.73	**SCHEDA/MOTHERBOARD ENERBOX 1700**
156.74	**SCHEDA/MOTHERBOARD ENERBOX 2100**
156.75	**SCHEDA/MOTHERBOARD ENERBOX 2600**
156.76	**SCHEDA/MOTHERBOARD ENERBOX 3100**

COD.	RIF. MODELLO / MODEL RIF.
156.77	**SCHEDA/MOTHERBOARD ENERBOX 4100**
156.78	**SCHEDA/MOTHERBOARD ENERBOX 5100**
156.79	**DISPLAY ENERBOX**
156.82	**SCHEDA 2 POMPE / 2 PUMPS BOARD**
105.89	**SCHEDA/MOTHERBOARD SA1/SLA1**
156.80	**CARICABATTERIE / BATTERY CHARGER 24V 3A**
156.81	**CARICABATTERIE / BATTERY CHARGER 36V 3A**

OPTIONALS ENERBOX

Optionals solo per la serie Enerbox
Optionals only for Enerbox series
Option uniquement pour la série Enerbox

ZOCCOLO COPRICAVI
CABLE COVER
COUVERCLE DE CÂBLE

Zoccolo metallico verniciato a polveri epossidiche
Metal base painted with epoxy powders
Base métallique peinte de poudres époxy

COD.	MODELLO / MODEL	H mm	L mm	W mm	kg
156.60	ZOCCOLO COPRICAVI / CABLE COVER	100	500	205	1,5

SUPPORTI E COPERCHI BATTERIE
SUPPORTS AND BATTERY COVERS
SUPPORTS ET COUVERCLES DE BATTERIE

Involucro metallico verniciato a polveri epossidiche
Metal casing painted with epoxy powders
Boîtier métallique peint avec des poudres époxy

COD.	MODELLO / MODEL	H mm	L mm	W mm	kg
156.40	SUPPORTO BATTERIE / BATTERY SUPPORTS	236	580	392	5
156.41	COPERCHIO BATTERIE / BATTERY COVER	236	580	392	3,5

Contenitore predisposto per fissaggio a muro, adatto a contenere da 2 a 3 batterie da 50 a 100Ah, oppure 1 batteria fino a 180Ah.
Kit tasselli di fissaggio a muro forniti di serie.

Container designed for wall mounting, suitable to hold from 2 to 3 batteries of 50 at 100Ah, or 1 battery up to 180Ah.
Kit wall fixing anchors supplied as standard.

Conteneur conçu pour un montage mural, adapté pour contenir de 2 à 3 batteries de 50 à 100Ah, ou 1 batterie jusqu'à 180Ah. Trousse chevilles de fixation murale fournies en standard.

INVOLUCRO METALLICO IP54
METAL BOX IP54
BOITIER METALLIQUE IP54

Singola porta cieca
Single blind door
Une porte opaque

COD.	MODELLO / MODEL	H mm	L mm	W mm	kg
156.61	BOX IP54	500	420	230	13

ALLARME SA1/SLA1/SLA1+GSM
ALARM SA1/SLA1/SLA1+GSM
ALARM SA1/SLA1/SLA1+GSM

Avvisatori acustici o acustico/luminosi autoalimentati per segnalazione di allarme da contatti remoti
Acoustic or acoustic/luminous self-powered warning signal to indicate alarm via remote contacts
Avertisseur sonore ou sonore/lumineux autoalimenté pour signal d'alarme depuis contacts distant

COD.	MODELLO / MODEL	ALIMENTAZIONE / VOLT	h	dB	H mm	L mm	W mm	kg
		V						
100.981	SA1-230	230Vac	24	90	340	240	170	1
100.991	SLA1-230	230Vac	24	90	410	240	170	1,5
100.993	SLA1+GSM-230	230Vac	24	90	410	240	170	1,8

ALLARME LS1
ALARM LS1
ALARM LS1

Avvisatore acustico/luminoso per la segnalazione di allarme da contatto remoto
Acoustic/luminous warning signal to indicate alarm via remote contact
Avertisseur sonore/lumineux pour signal d'alarme depuis un contact distant

COD.	MODELLO / MODEL	ALIMENTAZIONE / VOLT	H mm	L mm	W mm	kg
		V				
100.94	LS1-12	12Vdc	160	160	140	0,5