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MIDATRON LF CHARGING SOLUTIONS

MIDATRON MTB (12h)



TECNOLOGY TECNOLOGIA	Power Transformer Trasformatore di potenza
SINGLE-PHASE POWER SUPPLY ALIMENTAZIONE MONOFASE	YES
THREE-PHASE POWER SUPPLY ALIMENTAZIONE TRIFASE	YES
INSTALLATION INSTALLAZIONE	Shelf-Floor Ripiano-Terra
CHARGING PROFILE PROFILO DI RICARICA	Wa
AUTOMATIC BATTERY EQUALIZATION EQUALIZZAZIONE BATTERIA AUTOMATICA	YES
CHARGING TIME TEMPO DI RICARICA	12h
REAL TIME CLOCK CALENDAR FUNZIONE CALENDARIO	-
DATA RECORDING & USB DOWNLOADING REGISTRAZIONE E SCARICO DATI (USB)	-

USER INTERFACE INTERFACCIA UTENTE	LEDs
ON/OFF SWITCH INTERRUTTORE ON/OFF	YES
ANTIARCING KIT KIT ANTIARCO	OPTIONAL
AIR-PUMP (AIR-TECH) POMPA INSUFLAZIONE ARIA (AIR-TECH)	OPTIONAL
STAND FOR FLOOR INSTALLATION SUPPORTO PER INSTALLAZIONE A TERRA	OPTIONAL
COOLING RAFFREDDAMENTO	NATURAL NATURALE
PROTECTION PROTEZIONE	IP21
OPERATING TEMPERATURE RANGE TERMICO DI FUNZIONAMENTO	-5°C ÷ +40°C
CSA-UL CONFIGURATION (USA) CSA-UL CONFIGURAZIONE (USA)	OPTIONAL

MIDATRON MTT (8h)



TECNOLOGY TECNOLOGIA	Power Transformer Trasformatore di potenza
SINGLE-PHASE POWER SUPPLY ALIMENTAZIONE MONOFASE	OPTIONAL
THREE-PHASE POWER SUPPLY ALIMENTAZIONE TRIFASE	YES
INSTALLATION INSTALLAZIONE	Shelf-Floor Ripiano-Terra
CHARGING PROFILE PROFILO DI RICARICA	Wsa pulse
AUTOMATIC BATTERY EQUALIZATION EQUALIZZAZIONE BATTERIA AUTOMATICA	YES
CHARGING TIME TEMPO DI RICARICA	8h
REAL TIME CLOCK CALENDAR FUNZIONE CALENDARIO	YES
DATA RECORDING & USB DOWNLOADING REGISTRAZIONE E SCARICO DATI (USB)	YES

USER INTERFACE INTERFACCIA UTENTE	LEDs - DISPLAY
ON/OFF SWITCH INTERRUTTORE ON/OFF	YES
ANTIARCING KIT KIT ANTIARCO	OPTIONAL
AIR-PUMP (AIR-TECH) POMPA INSUFLAZIONE ARIA (AIR-TECH)	OPTIONAL
STAND FOR FLOOR INSTALLATION SUPPORTO PER INSTALLAZIONE A TERRA	OPTIONAL
COOLING RAFFREDDAMENTO	NATURAL NATURALE
PROTECTION PROTEZIONE	IP21
OPERATING TEMPERATURE RANGE TERMICO DI FUNZIONAMENTO	-5°C ÷ +40°C
CSA-UL CONFIGURATION (USA) CSA-UL CONFIGURAZIONE (USA)	OPTIONAL

MIDATRON MTB (12h)

SINGLE-PHASE 50-60Hz POWER SUPPLY / ALIMENTAZIONE MONOFASE 50-60Hz

Type / Tipo	Output Uscita		Battery capacity (charging time 10 to 12 hrs) Capacità batteria (tempo di carica 10 - 12 ore)	Mains Rete	Phase Current Pmax	Housing dimensions Dimensioni armadio				Installation (Wall-Shelf-Floor) Installazione (Parete-Ripiano-Terra)	Weight Peso
						L (front)	W (side)	H	TYPE		
	V	A				Ah/C5 (80%DoD)	±10% Vac	±10% A			mm
MTB_P 24-20M	24	20	120-150	230	3,2	425	270	280	L	Shelf-Ripiano	14
MTB_P 24-25M	24	25	150-200	230	4,0	425	270	280	L	Shelf-Ripiano	15
MTB_P 24-30M	24	30	200-235	230	4,8	425	270	280	L	Shelf-Ripiano	17
MTB_P 24-40M	24	40	235-310	230	6,4	425	270	280	L	Shelf-Ripiano	18
MTB_P 24-50M	24	50	310-380	230	8,0	500	300	300	XL	Shelf-Ripiano	25
MTB_P 24-60M	24	60	380-450	230	9,6	500	300	300	XL	Shelf-Ripiano	30
MTB_P 24-80M	24	80	450-600	230	12,7	500	400	800	S	Floor-Terra	48
MTB_P 24-100M	24	100	600-750	230	15,9	500	400	800	S	Floor-Terra	52
MTB_P 24-120M	24	120	750-900	230	19,1	500	400	800	S	Floor-Terra	60
MTB_P 24-140M	24	140	900-1050	230	22,3	500	400	800	S	Floor-Terra	62
MTB_P 24-160M	24	160	1050-1200	230	25,5	500	400	800	S	Floor-Terra	65
MTB_P 36-20M	36	20	120-150	230	4,7	425	270	280	L	Shelf-Ripiano	18
MTB_P 36-25M	36	25	150-200	230	5,9	425	270	280	L	Shelf-Ripiano	20
MTB_P 36-30M	36	30	200-235	230	7,1	500	300	300	XL	Shelf-Ripiano	26
MTB_P 36-40M	36	40	235-310	230	9,4	500	300	300	XL	Shelf-Ripiano	31
MTB_P 36-50M	36	50	310-380	230	11,8	500	300	300	XL	Shelf-Ripiano	33
MTB_P 36-60M	36	60	380-450	230	14,2	500	400	800	S	Floor-Terra	48
MTB_P 36-80M	36	80	450-600	230	18,9	500	400	800	S	Floor-Terra	52
MTB_P 36-100M	36	100	600-750	230	23,6	500	400	800	S	Floor-Terra	58
MTB_P 36-120M	36	120	750-900	230	28,3	500	400	800	S	Floor-Terra	62
MTB_P 48-20M	48	20	120-150	230	6,2	500	300	300	S	Shelf-Ripiano	20
MTB_P 48-25M	48	25	150-200	230	7,8	500	300	300	S	Shelf-Ripiano	25
MTB_P 48-30M	48	30	200-235	230	9,3	500	300	300	S	Shelf-Ripiano	28
MTB_P 48-40M	48	40	235-310	230	12,4	500	300	300	S	Shelf-Ripiano	32
MTB_P 48-50M	48	50	310-380	230	15,6	500	400	800	S	Floor-Terra	48
MTB_P 48-60M	48	60	380-450	230	18,7	500	400	800	S	Floor-Terra	52
MTB_P 48-80M	48	80	450-600	230	24,9	500	400	800	S	Floor-Terra	57
MTB_P 48-100M	48	100	600-750	230	31,1	500	400	800	S	Floor-Terra	63

THREE-PHASE 50-60Hz POWER SUPPLY / ALIMENTAZIONE TRIFASE 50-60Hz

MTB_P 24-40T	24	40	235-310	400	2,0	500	400	800	S	Terra- Floor	40
MTB_P 24-60T	24	60	310-450	400	3,1	500	400	800	S	Terra- Floor	43
MTB_P 24-80T	24	80	450-600	400	4,1	500	400	800	S	Terra- Floor	47
MTB_P 24-100T	24	100	600-750	400	5,1	500	400	800	S	Terra- Floor	51
MTB_P 24-120T	24	120	750-900	400	6,1	500	400	800	S	Terra- Floor	61

MIDATRON MTB (12h)

THREE-PHASE 50-60Hz POWER SUPPLY / ALIMENTAZIONE TRIFASE 50-60Hz

Type / Tipo	Output Uscita		Battery capacity (charging time 10 to 12 hrs) Capacità batteria (tempo di carica 10 - 12 ore)	Mains Rete	Phase Current Pmax	Housing dimensions Dimensioni armadio				Installation (Wall-Shelf-Floor) Installazione (Parete-Ripiano-Terra)	Weight Peso
						L (front)	W (side)	H	TYPE		
	V	A				Ah/CS (80%DoD)	±10% Vac	±10% A			mm
MTB_P 24-140T	24	140	900-1050	400	7,2	500	400	800	S	Terra- Floor	65
MTB_P 24-160T	24	160	1050-1200	400	8,2	500	400	800	S	Terra- Floor	69
MTB_P 24-180T	24	180	1200-1350	400	9,2	500	400	1000	N	Terra- Floor	75
MTB_P 24-200T	24	200	1350-1500	400	10,2	500	400	1000	N	Terra- Floor	80
MTB_P 24-240T	24	240	1500-1800	400	12,3	600	400	1000	N	Terra- Floor	90
MTB_P 36-40T	36	40	235-310	400	3,0	500	400	800	S	Terra- Floor	50
MTB_P 36-60T	36	60	310-450	400	4,5	500	400	800	S	Terra- Floor	53
MTB_P 36-80T	36	80	450-600	400	6,1	500	400	800	S	Terra- Floor	55
MTB_P 36-100T	36	100	600-750	400	7,6	500	400	800	S	Terra- Floor	66
MTB_P 36-120T	36	120	750-900	400	9,1	500	400	800	S	Terra- Floor	68
MTB_P 36-140T	36	140	900-1050	400	10,6	500	400	800	S	Terra- Floor	70
MTB_P 36-160T	36	160	1050-1200	400	12,1	500	400	1000	N	Terra- Floor	73
MTB_P 48-40T	48	40	235-310	400	4,0	500	400	800	S	Terra- Floor	47
MTB_P 48-60T	48	60	310-450	400	6,0	500	400	800	S	Terra- Floor	50
MTB_P 48-80T	48	80	450-600	400	8,0	500	400	800	S	Terra- Floor	57
MTB_P 48-100T	48	100	600-750	400	10,0	500	400	800	S	Terra- Floor	70
MTB_P 48-120T	48	120	750-900	400	12,0	500	400	800	S	Terra- Floor	76
MTB_P 48-140T	48	140	900-1050	400	14,0	500	400	1000	N	Terra- Floor	83
MTB_P 48-160T	48	160	1050-1200	400	16,0	500	400	1000	N	Terra- Floor	90
MTB_P 48-180T	48	180	1200-1350	400	18,0	600	400	1000	N	Terra- Floor	95
MTB_P 48-200T	48	200	1350-1500	400	20,0	600	400	1000	N	Terra- Floor	100
MTB_P 72-40T	72	40	235-310	400	5,9	500	400	800	S	Terra- Floor	50
MTB_P 72-60T	72	60	310-450	400	8,8	500	400	800	S	Terra- Floor	68
MTB_P 72-80T	72	80	450-600	400	11,7	500	400	800	S	Terra- Floor	72
MTB_P 72-100T	72	100	600-750	400	14,6	500	400	1000	N	Terra- Floor	86
MTB_P 72-120T	72	120	750-900	400	17,6	500	400	1000	N	Terra- Floor	90
MTB_P 80-40T	80	40	235-310	400	6,4	500	400	800	S	Terra- Floor	60
MTB_P 80-60T	80	60	310-450	400	9,7	500	400	800	S	Terra- Floor	68
MTB_P 80-80T	80	80	450-600	400	12,9	500	400	800	S	Terra- Floor	75
MTB_P 80-100T	80	100	600-750	400	16,1	500	400	1000	N	Terra- Floor	85
MTB_P 80-120T	80	120	750-900	400	19,3	500	400	1000	N	Terra- Floor	93
MTB_P 80-140T	80	140	900-1050	400	22,5	500	400	1000	N	Terra- Floor	99
MTB_P 80-160T	80	160	1050-1200	400	25,7	600	400	1000	NW	Terra- Floor	107

80%DoD = regular operation as recommended | Charger models not included in the present catalogue are available on demand.
80%DoD = utilizzo regolare come raccomandato | Modelli di caricabatteria non inclusi nel presente catalogo sono disponibili su richiesta.

MIDATRON MTT (8h)

THREE-PHASE 50-60Hz POWER SUPPLY / ALIMENTAZIONE TRIFASE 50-60Hz

Type / Tipo	Output Uscita		Battery capacity (charging time 7 to 8 hrs) Capacità batteria (tempo di carica 7 to 8 hrs)	Mains Rete	Phase Current Pmax	Housing dimensions Dimensioni armadio				Installation (Wall-Shelf-Floor) Installazione (Parete-Ripiano-Terra)	Weight Peso
						L (front)	W (side)	H	TYPE		
	V	A				Ah/CS (80%DoD)	±10% Vac	±10% A			mm
MTT_P 24-40T	24	40	220-260	400	1,8	500	400	800	S	Floor -Terra	48
MTT_P 24-60T	24	60	330-390	400	2,7	500	400	800	S	Floor -Terra	52
MTT_P 24-80T	24	80	440-520	400	3,6	500	400	800	S	Floor -Terra	54
MTT_P 24-100T	24	100	550-650	400	4,5	500	400	800	S	Floor -Terra	58
MTT_P 24-120T	24	120	660-760	400	5,4	500	400	800	S	Floor -Terra	66
MTT_P 24-140T	24	140	770-880	400	6,3	500	400	800	S	Floor -Terra	71
MTT_P 24-160T	24	160	880-1000	400	7,2	500	400	1000	N	Floor -Terra	78
MTT_P 24-180T	24	180	990-1120	400	8,1	500	400	1000	N	Floor -Terra	82
MTT_P 24-200T	24	200	1100-1240	400	9,0	500	400	1000	N	Floor -Terra	110
MTT_P 24-240T	24	240	1320-1520	400	10,8	600	400	1000	NW	Floor -Terra	120
MTT_P 24-280T	24	280	1540-1800	400	12,6	600	480	1100	L	Floor -Terra	130
MTT_P 36-40T	36	40	220-260	400	2,7	500	400	800	S	Floor -Terra	50
MTT_P 36-60T	36	60	330-390	400	4,0	500	400	800	S	Floor -Terra	55
MTT_P 36-80T	36	80	440-520	400	5,3	500	400	800	S	Floor -Terra	62
MTT_P 36-100T	36	100	550-650	400	6,7	500	400	800	S	Floor -Terra	69
MTT_P 36-120T	36	120	660-760	400	8,0	500	400	800	S	Floor -Terra	73
MTT_P 36-140T	36	140	770-880	400	9,3	500	400	800	S	Floor -Terra	80
MTT_P 36-160T	36	160	880-1000	400	10,6	500	400	1000	N	Floor -Terra	90
MTT_P 48-40T	48	40	220-260	400	3,5	500	400	800	S	Floor -Terra	65
MTT_P 48-60T	48	60	330-390	400	5,3	500	400	800	S	Floor -Terra	69
MTT_P 48-80T	48	80	440-520	400	7,0	500	400	800	S	Floor -Terra	76
MTT_P 48-100T	48	100	550-650	400	8,8	500	400	800	S	Floor -Terra	84
MTT_P 48-120T	48	120	660-760	400	10,5	500	400	800	S	Floor -Terra	95
MTT_P 48-140T	48	140	770-880	400	12,3	500	400	1000	N	Floor -Terra	105
MTT_P 48-160T	48	160	880-1000	400	14,0	500	400	1000	N	Floor -Terra	110
MTT_P 48-180T	48	180	990-1120	400	15,8	600	400	1000	NW	Floor -Terra	125
MTT_P 48-200T	48	200	1100-1240	400	17,5	600	400	1000	NW	Floor -Terra	146
MTT_P 48-240T	48	240	1320-1520	400	21,0	600	480	1100	L	Floor -Terra	175
MTT_P 48-280T	48	280	1540-1800	400	24,6	700	550	1200	XL	Floor -Terra	230
MTT_P 72-40T	72	40	220-260	400	5,2	500	400	800	S	Floor -Terra	70
MTT_P 72-60T	72	60	330-390	400	7,8	500	400	800	S	Floor -Terra	82
MTT_P 72-80T	72	80	440-520	400	10,4	500	400	800	S	Floor -Terra	88
MTT_P 72-100T	72	100	550-650	400	13,0	500	400	1000	N	Floor -Terra	102
MTT_P 72-120T	72	120	660-760	400	15,6	500	400	1000	N	Floor -Terra	120

MIDATRON MTT (8h)

THREE-PHASE 50-60Hz POWER SUPPLY / ALIMENTAZIONE TRIFASE 50-60Hz

Type / Tipo	Output Uscita		Battery capacity (charging time 7 to 8 hrs) Capacità batteria (tempo di carica 7 to 8 hrs)	Mains Rete	Phase Current Pmax	Housing dimensions Dimensioni armadio				Installation (Wall-Shelf-Floor) Installazione (Parete-Ripiano-Terra)	Weight Peso
						L (front)	W (side)	H	TYPE		
	V	A				Ah/C5 (80%DoD)	±10% Vac	±10% A			mm
MTT_P 72-140T	72	140	770-880	400	18,2	600	480	1100	NW	Floor -Terra	140
MTT_P 80-40T	80	40	220-260	400	5,7	500	400	800	S	Floor -Terra	70
MTT_P 80-60T	80	60	330-390	400	8,6	500	400	800	S	Floor -Terra	75
MTT_P 80-80T	80	80	440-520	400	11,4	500	400	1000	N	Floor -Terra	90
MTT_P 80-100T	80	100	550-650	400	14,3	500	400	1000	N	Floor -Terra	122
MTT_P 80-120T	80	120	660-760	400	17,2	500	400	1000	N	Floor -Terra	135
MTT_P 80-140T	80	140	770-880	400	20,0	600	480	1100	L	Floor -Terra	148
MTT_P 80-160T	80	160	880-1000	400	22,9	600	480	1100	L	Floor -Terra	160
MTT_P 80-180T	80	180	990-1120	400	25,7	600	480	1100	L	Floor -Terra	185
MTT_P 80-200T	80	200	1100-1240	400	28,6	700	550	1200	XL	Floor -Terra	205
MTT_P 80-240T	80	240	1320-1520	400	34,3	700	550	1200	XL	Floor -Terra	230
MTT_P 80-280T	80	280	1540-1800	400	40,0	800	600	1400	XXL	Floor -Terra	300
MTT_P 96-100T	96	100	550-650	400	17,2	600	480	1100	L	Floor -Terra	130
MTT_P 96-120T	96	120	660-760	400	20,6	600	480	1100	L	Floor -Terra	140
MTT_P 96-140T	96	140	770-880	400	24,0	600	480	1100	L	Floor -Terra	150
MTT_P 96-160T	96	160	880-1000	400	27,4	600	480	1100	L	Floor -Terra	175
MTT_P 96-180T	96	180	990-1120	400	30,9	700	550	1200	XL	Floor -Terra	195
MTT_P 96-200T	96	200	1100-1240	400	34,3	700	550	1200	XL	Floor -Terra	250

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80%DoD = utilizzo regolare come raccomandato | Modelli di caricabatteria non inclusi nel presente catalogo sono disponibili su richiesta.

MIDAC S.p.A. reserves the right to carry out at any time any kind of modification to the technical data, to the manufacturing procedures and/or top the range of products, without giving previous written information.

**MIDAC S.p.A.**

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**MIDAC SPA HEADQUARTERS, SOAVE, VERONA, ITALY**

Unica realtà a produrre batterie avviamento, trazione e stazionarie in un singolo stabilimento produttivo, è diventata una delle aziende leader in Europa con prodotti distribuiti in tutto il mondo.

The only company that produces Automotive, Motive power and Stationary batteries in the same manufacturing plant, it has become one of the leading companies in Europe and its products are sold worldwide.

MIDAC PRODUZIONE VERDE

Midac utilizza l'energia pulita prodotta dal proprio impianto fotovoltaico per la produzione di batterie e accumulatori, evitando l'emissione di 945 tonnellate di CO₂ ogni anno.

MIDAC FABRICATION ÉCOLOGIQUE

Midac utilise l'énergie propre provenant de votre système photovoltaïque pour la production de batteries et d'accumulateurs, en évitant l'émission de 945 tonnes de CO₂ chaque année.

MIDAC GREEN PRODUCTION

Midac uses clean energy produced by its own photovoltaic system to produce batteries and accumulators, avoiding the emission of 945 CO₂ tons every year.

MIDAC GRÜNE ENERGIE

Midac verwendet grüne Energie, welche von der eigenen Solaranlage geliefert wird, um ihre Batterien und Akkumulatoren herzustellen. So sind wir in der Lage 945 Tonnen an CO₂ einzusparen.

MIDAC PRODUCCIÓN DE ENERGÍA VERDE

Midac utiliza energía limpia producida por su propio sistema fotovoltaico para producir baterías y acumuladores, evitando la emisión de 945 toneladas de CO₂ cada año.

MIDAC GRÖN PRODUKTION

Midac använder ren energi som produceras av deras egna solceller för att producera batterier och ackumulatorer, genom detta så undviker man varje år utsläpp av 945 ton CO₂.

