

TECNA[®]

INDUSTRIAL RESISTANCE WELDING SYSTEMS

MASTER-SLAVE RESISTANCE WELDING INVERTER



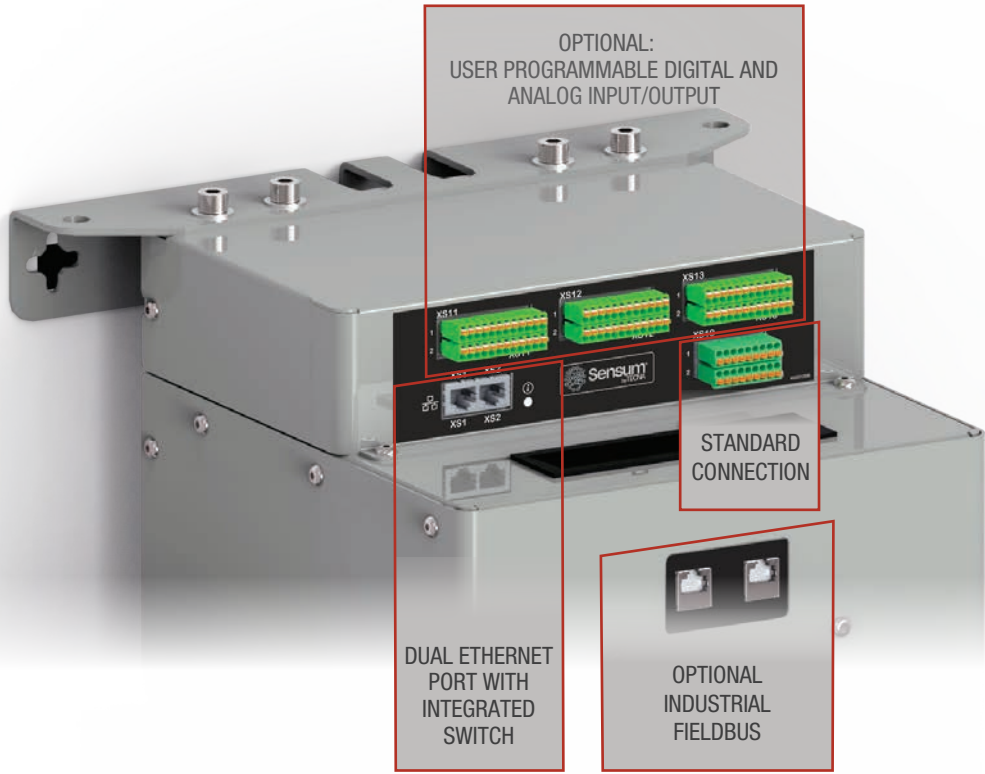
WEB USER INTERFACE

OUTPUT CURRENT FROM
3600A UP TO 5000A

OPTIONAL INDUSTRIAL
FIELD BUS INTERFACES

Sensum[®] scales up to meet the power requirements of the process

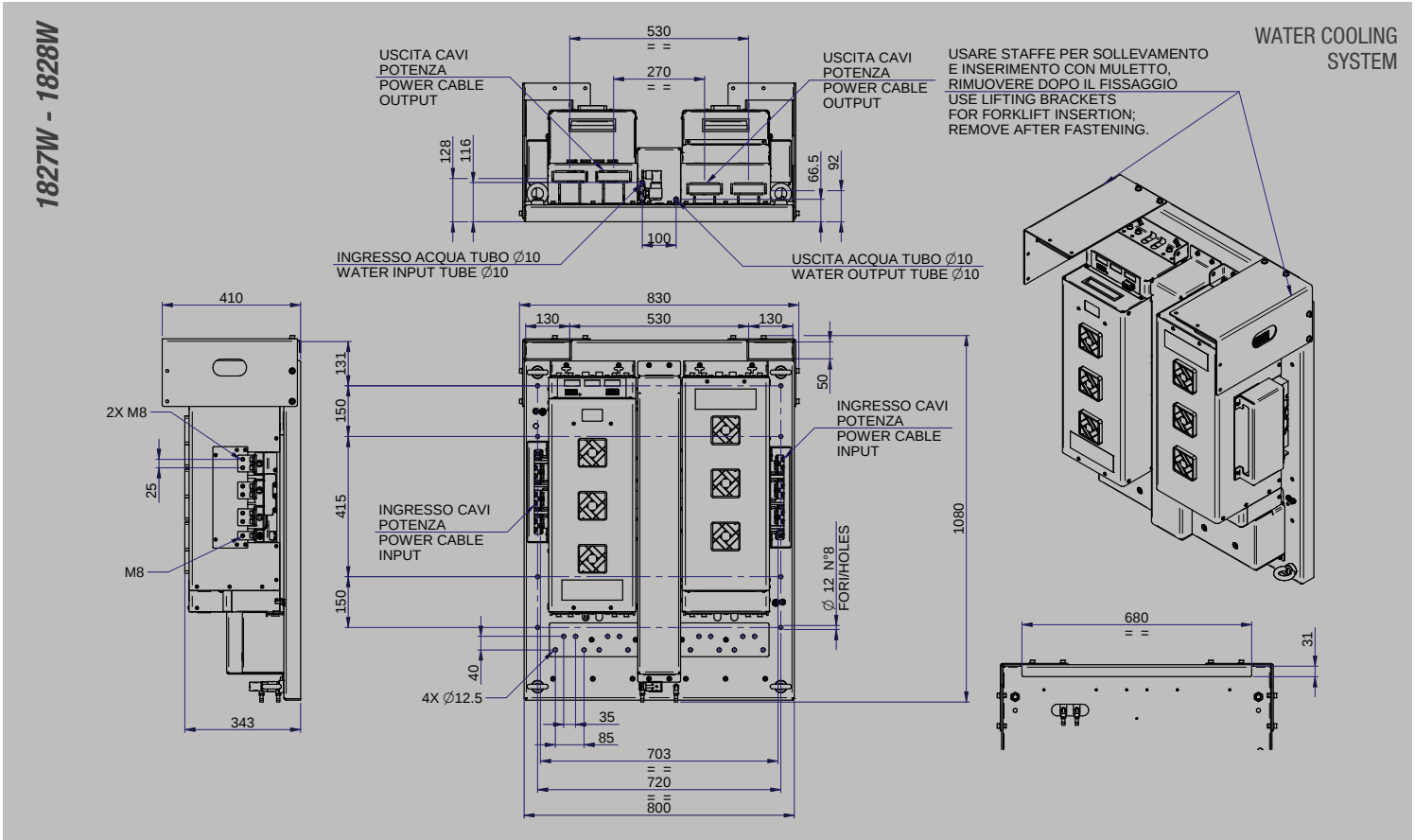
1827W - 1828W



maximum output current

	1827W		1828W	
	WATER COOLING heavy duty			
TRANSFORMER	2x240 kVA	2x315 kVA	2x240 kVA	2x315 kVA
I _{max}	150000 A	135000 A	150000 A	180000 A

dimensions



how to order

ITEM NUMBER: **18A01**, SYMBOL "E"
KIT EXPANSION BOARD
7 ANALOG IN
21 DIGITAL IN
5 SOLENOID VALVES OUT
8 DIGITAL OUT
3 ANALOG OUT



18	IS	C	E	FB	/VF
family code					
inverter size 27 - 3600 A 28 - 5000 A					
cooling systems W - water					
expansion board N - no IO expansion board E - IO expansion board					
fielbus type 00 - without fieldbus R1 - RJ45-EtherCAT R2 - RJ45-PROFINET R3 - RJ45-EtherNet/IP					
voltage / frequency /1 - 380 - 415 V / 50 - 60 Hz					
code example: 1823WER2/1					



ITEM NUMBER: **18M08**,
SYMBOL "R1"
ELECTRONIC BOARD BUS **RJ45** FOR
INVERTER 3600 - 5000 A **ETHERCAT**



ITEM NUMBER: **18M10**,
SYMBOL "R2"
ELECTRONIC BOARD BUS **RJ45** FOR
INVERTER 3600 - 5000 A **PROFINET**



ITEM NUMBER: **18M12**,
SYMBOL "R3"
ELECTRONIC BOARD BUS **RJ45** FOR
INVERTER 3600 - 5000 A **ETHERNET/IP**

INCLUDED



ITEM NUMBER: **18A02**
WATER VALVE KIT FOR
INVERTER SIZE L

display for multiple controls

Built-in user interface based on web technologies.
Local and remote access by any web browser.
Easy integration in machine user interface.
Support for different users and roles.
Multilingual support.

accessories for welding control unit

45681	Current transducer - Ø 800 mm	2040510018	Position sensor 100 mm
2050010002	DIN RAIL Power Supply 24V cc, 5A	2040510019	Position sensor 200 mm
7730000005	Load cell 1500 daN		
7730000006	Load cell 8000 daN		

technical data

	1827W	1828W
MAINS SUPPLY	380 V - 415V THREE PHASE	
INPUT FREQUENCY	50 / 60 Hz	
WORKING FREQUENCY	1 kHz	
NOMINAL OUTPUT CURRENT	3600 A	5000 A
OUTPUT VOLTAGE	500 V	
COOLING TYPE	WATER	
LITERS/MINUTE	12	
WATER PRESSURE	4 bar max	
AMBIENT TEMPERATURE	5°C - 40°C	
RELATIVE HUMIDITY	90% max	
DIMENSIONS	800x1100x410 (h) mm	
WEIGHT	160kg	



... you got the feeling



TECNA®
Resistance Welding Systems & Balancers

Via Meucci, 27
40024 - Castel S. Pietro Terme (BO)
Italy
Tel. +39 051 695 4411
Fax +39 051 695 4490
www.tecna.net
vendite@tecna.net
sales@tecna.net