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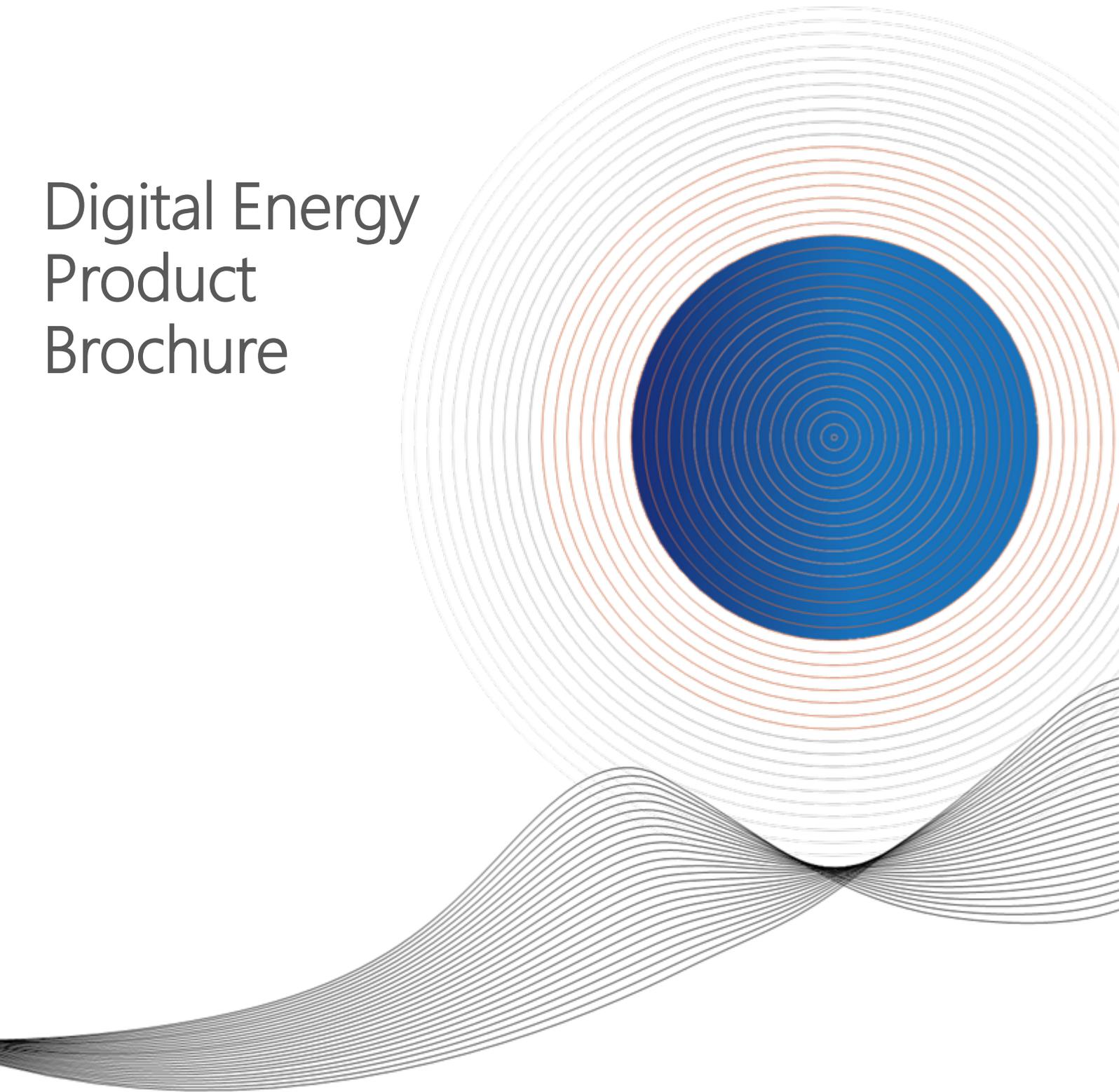# Digital Energy
Product
Brochure

CATALOGUE
2026

Pad power and battery

Pad Power 3Kw/6Kw

Product Model	DTM-48/03T	DTM-48/06T
Input voltage range	85VAC ~ 300VAC	85VAC ~ 300VAC
Nominal input voltage	220VAC	220VAC
Power supply unit	3000W	6000W
Output voltage range	43VDC~58VDC	43VDC~58VDC
Nominal output voltage	53.5VDC	53.5VDC
Max output current	62.5A @48V	125A @48V
Communication interface	4G/Blue tooth	4G/Blue tooth
Load output	3 ways	7 ways
Alarm interface	Com	Com
Dimension	384mm*275mm*68mm	404mm*340m*92mm
Protection Level	IP65	IP65

Pad battery

Product Model	DTM-48V/50AH	DTM-48V/100AH
Nominal Voltage	51.2V	48V
Capacity/Total Energy	50Ah 2560Wh	100Ah 5000Wh
Charge Voltage Range	56.0 ~ 57.6V	56.0 ~ 57.6V
Cell Type	$LiFePO_4$	$LiFePO_4$
Max. Permanent Discharge Current	50A	100A
Max. Permanent Charge Current	50A	100A
Charge Efficiency	≥97% (+25°C)	≥97% (+25°C)
Dimension	430mm*340mm*130mm	550mm*450mm*250mm
Weight	27Kg	60Kg
Interface(Optional)	RS485, Dry contact	RS485, Dry contact
Protection Level	IP65	IP65

FSU Product Portfolio

Standard Type

Product Model	DTM-TY-1000E
Network format	supporting 2G/3G/4G,LAN
Location service	Beidou/GPS
Analog input	8 ways（4～20mA/0～5V）
Alarm input	16 ways, switching value
RS-485	8 RS485, 1/2/7/8 port supportRS232
Ethernet port	4, RJ45 10M/100M adaptive Ethernet ports
USB	1, USB2.0
Power Supply	DC-48V/AC220V(240VDC)
Weight	≤4kg
Protection Level	IP22
Dimension	430mm(W)×44.5mm(H)×167mm(D)

Mini Type

DTM-TY-5000S

DTM-TY-5000E

Product Model	DTM-TY-5000S	DTM-TY-5000E
Network format	4G CAT1\Lan	4G CAT1\Lan
Location service	Beidou/GPS	Beidou/GPS
Analog input	2	2
Alarm input	2	2
RS-485	2	2
RS232	-	1
Ethernet port	1, RJ45 10M/100M adaptive Ethernet ports	1
Power Supply	DC48V	DC48V
Installation	Pole, wall mounted	Rail, wall mounted
Protection Level	IP65	IP22
Dimension	220mm*130mm*60mm	98.6mm*83.2m*44mm

Power supply Product Portfolio

Outdoor Cabinet

Product Model	DTOD1100
Dimensions	External size： H*W*D=1100mm*650mm*800mm
Layout	1 unit 1 cabinet, 19 inch rack.4 unit L shaped bracket,
Door	Front door can open Outdoor cabinet special lock （support padlock）
Structure	Assembly
Protection level	IP55
Cooling	Industrial air conditioning

Switch power frame

Product Model	EPU300MP1
Dimensions	482mmm*350mm*222mm
Input voltage range	176~300Vac, 100% Rated capacity
Output current	300A
Efficiency	≥95%
Output voltage range	53.5（42～58）（Vdc）
DC output	LLVD：125A/1P×2、63A/1P×2、32A/1P×2(MCB) BLVD：63A/1P×2、32A/1P×1（MCB） Battery and Load MCB capacity can configuration according to the demand of customers;
Communication interface	Internal (module communication): CAN External: RS485, LAN
Battery access	125A/1P×2(MCB)
Installation	19inch cabinet

Battery Product Portfolio

Lithium Battery

Product Model	DTL48100
Rated Capacity	100 Ah
Nominal Voltage	48.0 V
Discharge Ending Voltage	42.0 V
Charging Limited Voltage	40V DC ~ 56V DC
Max. Charging Current	100 A
Max. Continue Discharging Current	100 A
Weight	Approx. 42 Kg
Cycle Life	More than 5000 cycles at 80% DOD
Rated Capacity	442*480*132mm（3U）
Cell Type	$LiFePO_4$
Communication Interface	RS485, RS232, Dry Contact
Protect Level	IP31
Anti-theft(Optional)	Gyroscope/GPS

Lead Acid battery

Product Model	DTV12100S-R
Capacity (Ah, 25℃)	20HR (5.15A, 1.80V) 103
Dimension	328mm*172mm*215mm
Weight	27Kg
Maximum Discharge Current (A/5 Sec.)	1000
Self-Discharge (25℃)	-Discharge (25℃) ≤2% per month
Protection Level	IP20

Charging Pile Product Portfolio

Distributed charging station

Product Model	DTMLSCP-Y10A
Capacity	10 channels
Input l Voltage	AC220V±10% 50Hz
Standby power	<6W
Maximum output power	2200W/Channel
Communication	4G
Dimension	280mm*450mm*85.5mm
Weight	4.2kg
Protect Level	IP55
Software upgrade	OTA
Overload protection	Yes
Leakage protection	Yes

Intelligent charging socket

Product Model	LSCP-3WNCPA
Capacity	2 channels
Input l Voltage	AC220V±10% 50Hz
Standby power	<3W
Maximum output power	2200W/Channel
Communication	4G
Dimension	187mm*50mm*96mm
Weight	0.34kg
Protect Level	IP54
Software upgrade	OTA
Overload protection	Yes
Over Temperature Protection	Yes

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